

Mamah Muda Morphogenesis in Indonesia

ABSTRACT

There has been changes in the young housewives' activities, as currently, they not only carry out domestic activities in the house, but also go outside of the house. Activities, such as taking children to school, become part of domestic roles, then meeting other young modern mothers and forming group. This group then raises the "*mahmud* (mamah muda)" or *young moms* term. Changes in traditional reproductive roles in the domestic sector are interesting to be analyzed using the Morphogenesis Theory by Margaret Archer. This theory acknowledges that there is an asymmetrical relationship between external structures that are relatively autonomous with internal cultures, and at the same time, there is a reciprocal relationship between the two. The cultural case of this young mothers groups could be used as an example of this Morphogenesis theory.

Constructivist paradigm study using this kind of phenomenological approach was able to explain how the process of morphogenesis change occurred, by conducting *in-depth, open-ended interviews* to ten mothers in their 30s whose children are in kindergarten/elementary school. This study was able to answer the research purpose, which was young moms, is the reality of changes in structure-culture and culture-structure, produced through the **causality** of both groups through communication of symbolic convergence that is the exchange of information (material) into symbols (non-material).

Keywords: morphogenesis, structure, interaction, culture, *mahmud*.

Introduction

In big cities, especially in Jakarta, the "*mahmud* (mamah muda)" or *young moms* term is a relatively new phenomenon. Young moms are housewives who are young, beautiful, attractive, having high-taste, having good socio-economic status—for their husbands' economic supports are good,—generally not working and doing domestic activities like other housewives in general. Taking and picking up children to school, taking care of their husbands, taking care of other household needs activities are also an ordinary traditional routines. Young moms are pictures of the existence of modern mothers who are not only responsible for family domestic affairs but also active in social life (Femina Magazine, Issue 37, p. 53, 2016). However, with the sophisticating development of communication technology, the activities of "*young moms*" are broadened (Castells, 1991). For example, taking and picking up children to school activity for a mother is initially a traditional domestic activity that has lasted a long time and is an integral part or role for a mother, an old culture, an interaction or meetings arena with other young mothers—but then as the time goes on, it creates a new culture, that is young moms culture. For young moms, when their socio-economic conditions are good and they have their communication means; the purpose of taking and picking up children to school has changed and borne a new meaning, which is no longer just taking and picking up, but has become a place to show social existence where a young mother, with good socio-economic capabilities, will use it to develop

46 relationships with other young mothers who have the same characteristics and then form
47 association or friendship by creating group or exclusive group where they then comply with the
48 provisions that apply in the group, and become a structured group.

49 Taking and picking up children to school eventually became a kind of event for them to
50 meet to plan activities outside of the house. The meeting between young moms when picking up
51 children at school then becomes a place where interaction takes place, where each member of
52 young mom engages in cultural social interactions, scilicet cultural relations between agents
53 (young moms) which in turn will lead to cultural elaboration. On the other hand, the meetings
54 that they conduct in a certain period of time will lead to elaboration or structural development.
55 This is in contrary to the simple lives of traditional housewives, where after marriage they
56 become full-time housewives with reproductive roles, so most of their time is spent at the house
57 (Salaa, 2015: 2). They focus more on taking care of their husbands, family, and child
58 management activities (Apreviadizy and Puspitacandri, 2014: 59). In the initial interviews
59 conducted by the researchers, traditional mothers are more focused on their household or
60 business. Taking children to school is not a routine obligation because not only that it can be
61 done by a household assistant, their children can also go to school independently, so that it is
62 less likely for them (traditional mothers) to meet or develop relationships between mothers as
63 students' parents and other students' parents. Thus they do not have a group where there are
64 parents of other children who are in the same classroom as their children in school.

65 Meanwhile, students' parents nowadays are connected through groups in the mobile
66 phone messaging application where, they can obtain information about schools as well as
67 develop further relationships. Mobile phones are access that are used in everyday activities
68 (<http://techno.okezone.com/read/2015/11/12/207/1248429/> *pengguna-internet-di-indonesia-*
69 *mulai-beralih-ke-mobile*). The mobile phones use is inseparable from the internet use, where in
70 2017 as many as 143.3 million people were users of 262 million people total population in
71 Indonesia,. This is accompanied by the social media use as platforms used through mobile
72 phones. Social media is a routine activity for most of people in their daily communication. The
73 *Kompas R & D* survey in December 2015 showed that social media became a daily necessity for
74 some people in networking. There are four most widely used social media platforms: Facebook
75 (77 percent), Instagram (7.8 percent), Twitter (6 percent), and Path (4 percent). But people
76 mostly use three platforms: Facebook, Twitter and Instagram. Through technology that
77 characterizes the modern society, they are connected to each other and become media for
78 interactions. In another survey, the technology use in Indonesia in the female group is more
79 active than other segments (Juuriens and Tapsel, 2017: 11) and mothers who have children under
80 five years-old are the highest segment in doing online shopping ([http://mix.co.id/brand-](http://mix.co.id/brand-insight/research/tren-ibu-muda-sekarang-belanja-online-via-smartphone)
81 *insight/research/tren-ibu-muda-sekarang-belanja-online-via-smartphone*).

82 Further preliminary research was carried out by the researchers through young moms'
83 social media who often post activities with their groups such as daily meetings and routines with
84 their respective characteristics. A young mom who sent his children to school in West Jakarta,
85 posted a meal with her group in a restaurant with a dress code. While a young mom in
86 Tangerang area posted a birthday celebration for one of the group members at a restaurant.
87 Similarly, a young mom in Semarang posted a social gathering with thematic clothes. Then in
88 the interview, the resource (interviewee) could mention the activities of other groups both in
89 Jakarta and outside Jakarta with different classes. Observation by the researchers in private
90 school and kindergarten lobbies in North Jakarta, Bogor and South Tangerang, saw that every

91 day, mothers go out with their group after taking their children to school then return to school
92 for picking up their children. Thus young moms groups are spread in various schools and occur
93 on a wide scale.

94 One of the private education foundations in Jakarta, has sixteen kindergartens with 209
95 classes and at the elementary level there are seventeen schools with 348 classes. Overall the
96 foundation has 657 classes and every year it always opens for new student registrations.
97 Meanwhile the data from Ministry of Education and Culture states that in 2019 the total private
98 schools in Jakarta amounted to 1263 and that the data do not include those outside Jakarta, so
99 groups that start from schools and have their respective activities would always appear in large
100 numbers and continue to grow. Young moms' and their group activities are depictions of
101 different behaviors in traditional and modern mothers.

102 The community is dynamic because it always changes from time to time. Changes do
103 not happen by itself but through a social system that works on the elements in it. The social
104 changes that occur involve the relationships of each element; both the structure in relationships,
105 the organization, and the bond between the elements of society (Sztompka, 2005: 6). Structure
106 becomes the main emphasis in social change, because if the structure changes then it tends to
107 bring changes to other elements. However, changes in the form of social systems can be seen at
108 various levels. For cultural changes between generations, for example, the structure of
109 government through cultural elites builds on the culture of the younger generation. Through the
110 interactions that occur between structures and individuals; it shows how the younger generation
111 has the ability to accept the culture that is believed by the previous generation and take the
112 culture stated by the state so that it finally has a new culture (Beiroth, 2017). While in the micro
113 sphere, changes occur in friendship, family or group relationships. Archer, through
114 Morphogenesis Theory, provides the view that individual changes in society occur through
115 interaction in groups (Archer, 1996: 282).

116 Groups become means of change that occur to individuals from one stage to another,
117 such as in the mothers' social gathering group, where initially is a routine meeting to take
118 payments for saving and group funding and then turns into a competition for the members
119 (Abdullah, 2016: 17). Furthermore, through the initial role of technology, mothers who
120 participate in on line quizzes individually while waiting for their children at school, through
121 interactions that took place through social media continue to meet in the real world and finally
122 form the Quiz Hunters community, that is *Online Qu-ters* mothers. (Hasmira, 2016: 68).
123 Interactions that occur between individuals are part of the occurrence process of a form or called
124 as morphogenesis (Archer, 1996: 282). The occurrence of a form in Margaret Archer's
125 understanding of Morphogenesis happens through structural relations, individual actors involved
126 in groups, as well as emphasis on interactions that are part of the process which ultimately leads
127 to a new form (Archer, 1996: 282). Previously, young moms were not heard, but nowadays, the
128 presence of young moms and their groups become a phenomenon in the society. Thus, this study
129 aimed to describe how morphogenesis occurs in *mahmud* (mamah muda)" or young moms
130 phenomenon.

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132 **Literature Review**

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134 Morphogenesis theory is a theory that put forward by British sociologist Margaret
135 Archer (1996). This theory looks at how structures and agents play a role in changing society.

136 Archer's Morphogenesis Theory belongs to integration theories, as an effort to integrate broad
137 (macro) scale with small (micro) scale in daily life (Ritzer and Stepnisky, 2013: 11). Four
138 sociologists who also carry out integrative micro-macro analyzes are Giddens, Archer, Bourdieu
139 and Habermas. The Giddens approach through Structural Theory sees that agency and structure
140 are duality. While Bourdieu looks at the dialectical relationship between *habitus* and *field*,
141 whereas Habermas through "the colonization of the life-world". Margaret Archer basically
142 changes the theories of agency conception and structure in a different direction, scilicet by
143 focusing on the relationship between agency and culture. Actually this approach originated from
144 Archer's work in 1982 as a critique of the micro and macro integration theories based on the
145 reality of the agents' duality and structures, such as the Giddens Structural Theory.

146 Giddens' view is that when individuals practice as arranged by structure, this is affirmed
147 that individuals do not only act as structures but also as systems themselves. Thus there is
148 duality in the structure (Giddens 1989: 23). Individuals as agents according to Giddens have the
149 conditions to enable individual activities even though individual actions are ultimately form
150 from social construction. Thus the individual as an actor has the ability to make changes in social
151 life but in the end cannot be separated from the structure. Structuring refers to an actively occur
152 processes that are informed by a virtual structure and acted upon in reproduction where the
153 social structure is confronted (King, 2010: 254). But Archer argues that there are differences in
154 looking at structures and agencies. Structure and agency are two things that have autonomy and
155 causal interaction relationships, where both condition each other in different time periods and
156 open systems such as in the social world.

157 According to Archer, the dualism of structures and agencies is the premise that the
158 socio-cultural system influences social interaction—vice versa, and these influencing factors
159 influence change or social stability (Archer, 1996: xvi). Social structures, cultural structures and
160 agents form powers that can be distinguished from one another and causality that occurs is that
161 they influence each other from different influence factors. This causality is mediated by human
162 agency through reflection carried out in interactions where there are interests, objective
163 opportunities which are embedded in situational logic. Then, this can bring direction to the agent
164 in an action. Social agents can collectively change the structures by conditioning the structures,
165 but at the individual level, individuals are important elements in the social life interpretation; not
166 structural conditioning but rather meaningful socio-cultural interactions of agents (Bouzanis,
167 2016: 661).

168 Archer's approach was built from Walter Buckley's view, Functionalist Marxism from
169 David Lockwood and Critical Realism from Roy Bhaskar which was later put together in the
170 Theory of Morphogenesis. Archer's thinking of culture was influenced by Durkheim and Max
171 Weber where culture was built through ideas (Zeuner, 1999: 84-85). Archer's analysis is on the
172 reproduction and transformation of cultural systems and social structures that focuses on the
173 dynamics which occur between systems and sociocultural interactions (Vandenberghe, 2005:
174 229). In social, cultural and agent structures relationships will always occur, because culture is
175 produced collectively and agencies are individuals who carry out this culture (Porpora in Archer,
176 2013: 29). To understand the culture and the relationships that occur in it, Archer gives a view
177 through his rejection of the Conflation Theory, namely the cultural system in anthropological
178 approaches to the time of sociology (Archer, 1996: 25-70).

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180 **Morphogenesis Cycle**

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Morphogenesis contains two words; morph means form, while genesis refers to formation which is the result of social interaction. Morphogenesis is a process that will change the innate system in a structure. While morph stasis is the opposite of morphogenesis, which is a process in a complex system and aims to maintain the innate system of the structure (Buckley, 1967: 58). Morphogenesis is a cycle consisting of three stages and runs in parallel, which are Structure or Cultural Conditioning, Socio Cultural Interaction, and Structure or Cultural Elaboration; each stage will lead to other phenomena and this will occur continuously (Archer, 1996: 280). Through these steps, form 1 (T1) to the new form (T4) occur (see figure 1). Structural or Cultural Conditioning is a stage where individuals in a group determine what is approved or not. Therefore they will create a system of structures or cultures that is appropriate for them as individuals and for their groups. Influences which arise either material or relationships that build and form a system as well as other components are structural and cultural emergent property (Archer, 1995: 175).

Technology is inseparable from people's daily lives. Technology is digital media where there are various content, such as games, social networking applications, photography and so on, all of these are provided in one device—a gadget (Athique, 2013: 1). The technology facilitates communication which is the people interaction where morphogenesis is in the stage of the Socio Cultural Interaction. This stage is an element that occurs in the middle of the cycle, where interaction is a relationship that occurs between cultural actors. The dynamic conclusions of socio-cultural interactions are shown through diagrams in which there are four forms: **Constraining Contradiction, Competitive Contradiction, Concomitant Complementarities, and Contingent complementarities**. Cultural Elaboration is the result of socio-cultural interactions. Conclusion of Cultural Elaboration in Archer's morphogenesis is shown in a scheme consisting of four types (see figure 2).



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Figure 1: Three Stages of Simple Morphogenesis
(Realist Social Theory: The Morfogenesis Approach, Archer, 1995: 375).

Cultural Elaboration summary

Cultural System
Types of Logical Relations

What condition	Contradictions		Complementarities	
	Constraining	Competitive	Concomitant	Contingent
Situational Logic	Correction	Elimination	Protection	Opportunity
CS Level	Syncretism	Pluralism	Systematization	Specialization
S-C Level	Unification	Cleavage	Reproduction	Sectionalism

Figure 2: Conclusion of Cultural Elaboration

Symbolic Convergence Theory

Socio-Cultural Interaction in the Morphogenesis cycle talks at the level of group communication that looks at the factors influencing the process and sees how groups interact in natural situations. Interactions in Morphogenesis Theory explain the responses given by individuals in groups to make a group agreement, but Bormann’s Symbolic Convergence Theory (1980) can sharpen the process of interaction that occurs in morphogenesis. SCT explains how individuals share fantasies through conversations that build group awareness and create social reality (Borman 1985: 136). Fantasy conversations give satisfaction to individuals (Miller, 2005: 242). In addition, it creates awareness to act for members (Kartikawangi 2013: 78). The SCT processes through conversational narrative symbols in the form of meaning and emotion (Littlejohn, 2017: 272). So the center is on responses that occur in groups (Griffin, 2011: 38). Symbols are basic needs of humans and humans have the ability to use symbols (Morrisan, 2013: 136). Symbols are visible components of the communication process (Ruben, 2006: 73). The symbols that are created, then become group symbolic identities that can give pride and motivation to group members (Cragan, Wright and Kasch, 2004: 47). The converged symbol trigger a symbol agreement as a signal used by the group (Bormann, 1985: 131).

Methodology

The research paradigm was constructivist, which is historical understanding and cultural formation of the object under study (Cresswel, 2007: 21) with a phenomenological approach that focused on individual experiences (Bogdan and Taylor: 1975: 5). The limitation of the study was that of the Cultural Elaboration stage. Data collection took place from 2015 to 2019 through observation, documents and interviews. In-depth and open-ended interviews were conducted at ten persons as resources (interviewee) with judgment sampling and snowball sampling techniques. **These ten people are categorized as *mamah muda*, mothers in their thirties who have children in kindergarten and elementary school. They have responsibility in picking up and waiting their children in school, join the group of mothers of parents of students and actively interacting in their *WhatsApp Group*, and social media.**

249 **Research result**

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251 Married women and then having children are individuals who carry out roles as wives
252 and mothers. Besides those who are working on a career or running a business, there are also
253 those who are just housewives. When their children are at the age of one to two years, they (the
254 children) have not yet entered formal education at school, but when they enter the school age,
255 the housewives' activities increase, such as preparing for school needs including taking and
256 picking up to school children. Learning time for early childhood in school lasts two to three
257 hours so that if they go home they feel half-hearted (to go home) and prefer to wait at school.
258 While waiting, they meet other mothers and eventually form groups in the mobile phone
259 messaging application. The formation of a group consisting of students' parents started from this
260 point on.

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262 **Structural Conditioning (T1)**

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264 The formation of a group in the mobile phone messaging application (*WhatsApp Group*)
265 initially involves only a few people, then the number of members increases according to the
266 number of children who are in the same class with their children through solicitation from one
267 mother to another mother. The emergence of this group occurs through a networking process;
268 the relationships process – reciprocal messages that are developed naturally or even
269 spontaneously. Individuals want to join the group because of the homogeneity of (1) the
270 characteristics of children and parents (2) the same needs for school information and (3) the
271 similarity of environmental characteristics of group members, which is the same school and
272 residence that close from the school location. Homogeneity is the similarity that have to be
273 conditioned by the group, such as backgrounds or other similarities that can improve group
274 development (West and Turner, 2010: 244). Why people join groups in a social context is to
275 meet individual needs (Ruben and Steward, 2006: 273). Mothers groups as parents meet
276 individual goals to obtain school information including coordinating school assignments—this is
277 structural conditioning.

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279 **Structural Socio-Cultural Interaction (T2)**

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281 In conversations that take place in WAG (*WhatsApp Group*), mothers share information
282 such as those related to school like children's school work. They will share information with
283 each other, especially when they have to bring what is needed and will work together to get it.
284 While other conversations relate to group assignments so that they can accompany their children
285 to do the task well. Information on school schedules, examinations and holidays; information
286 through the WAG is faster and meets the information needs compared to opening the school
287 agenda. Conversations then continue on information related to child development such as
288 pediatricians, immunization, to vacation locations for families. Not only that, they are also
289 various information about the benefits obtained through credit cards, online applications, and
290 newly opened restaurants near the school. Through technology, people try to find information
291 about anything.

292 Information is a message sent by people through technology and this makes people
293 become digital (or, being digital) as mentioned by Negroponte (1995: 17). With technology,

294 people are offered a variety of information that makes them rich in information—even more,
295 people are able to make and send information through conversations that occur within the WAG.
296 The conversation then goes on to the idea of going to the location together and getting other
297 benefits. The idea that is expressed in the WAG results in a divided response (*sectionalism*)
298 including **accepting, accepting but not following, and being silent**. The response is a form of
299 tolerance for each individual because ideas are implemented even though it can't be followed by
300 all. The group that resulted from the divided response and implemented the ideas (proposed)
301 ultimately results in situational logic, scilicet opportunities for individuals. Thus the second form
302 in the young moms' morphogenesis stage is in the conditions of *contingent complementarities*,
303 which are groups as additional complement where information becomes a material relationship
304 in the structure.

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306 **Structural Elaboration**

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308 Furthermore, what happened through the socio-cultural interactions above is that in
309 addition to a large group consisting of a number of mothers whose children are classmates—at
310 around 30, then there are new groups that consists of members who accepted and agreed on
311 ideas proposed in the group. Although there are mothers who do not choose to join and follow
312 the new groups but they are still part of the large group and group conditioning remains the same,
313 which is the existence of children's school information needs.

314

315 **Cultural Conditioning**

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317 Mothers who accept ideas and want to join group meetings have various reasons
318 including to have an opportunity to get acquainted with each other, which lead to psychological
319 pleasure. Thus, the need to socialize is the main factor. However, these mothers have an
320 attachment to their role still. They will stick to the rules that group meetings that will be held do
321 not interfere with their personal lives and especially their responsibilities to their children and
322 households. In addition, with the presence of mobile phones, they can manage businesses and
323 other needs so that it is easier for them to be able to coordinate everything they need, both
324 household and business. So that they have more free time to arrange needs and have time to
325 socialize with groups. As individuals in social structures, their participation in joining the groups
326 with activities is cultural conditioning in the internal logical relationship in which individuals
327 have social relationships with other individuals.

328

329 **Cultural Socio-Cultural Interaction (T3)**

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331 After eating and having gathering activities in various restaurants from the days when
332 waiting for their children to go home from school, then the activities continue where it is not just
333 a waste of time. Other activity ideas come up with a schedule and way of how to protect the
334 group (*protection*) so that they stay connected to each other. They believe that this is a way to
335 bind closeness through routine meetings. In this situation, members will encourage each other to
336 preserve togetherness. They make a systemization for the activities done, including what they
337 should be wearing and the similarity of their groups. The process of developing rules creates
338 group culture through symbols, rules, and codes that appear in various forms and become

339 standard through communication is the process of developing group culture (Ruben and Steward,
340 2006: 277).

341 The meeting themes are then proposed and discussed by the group, especially the dress
342 code. As individuals, members of the group, have their own fantasies which then are shared
343 through responses like laughing, adding ideas, to joking—in group conversations that take place
344 in the WAG. This is done through written conversations along with emotional icons (emoticons)
345 provided by the WAG to show and clarify individual emotions. The meeting themes are derived
346 from cultural globalization, references from other groups through social media. Response that
347 involves pleasant emotions like this gives them awareness of being in a group. Conformity
348 occurs in individuals as they are becoming similar to their group. Starting from how they dress,
349 what they wear to what they do. Symbolic convergence through a dress code occurs at this stage.
350 Dress code is a symbol of group identity which then develops group cohesiveness (West and
351 Turner, 2010: 243). Thus the *socio-cultural interaction* that occurs in culture is in the condition
352 of the *Concomitant Complementary* where the symbol of group identity converged through the
353 dress code—is the main complement to the individual.

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355 **Cultural Elaboration (T4)**

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357 Spending time together is habits that are carried out by the mothers' groups. These
358 habits then become a culture. Thus the culture of mothers who wait for their children to go home
359 from school is a lifestyle. Lifestyle, according to Sumarwan (2004: 56), is a pattern in which
360 people live and use money and time,—and lifestyle reflects a consumption pattern. This
361 consumption pattern describes a person's behavior, especially how s/he lives, uses money and
362 uses the time s/he has.

363 Each group has a different pattern of habits. Based on the typology, there are (1) type of
364 mothers' groups in West Jakarta whose activities are eating and doing sports. The mothers who
365 send their children to school in the West Jakarta area are mostly business women. There are
366 many cafes and restaurants within the close radius from school area in West Jakarta; besides it is
367 a strategic area for several adjacent locations such as the Pantai Indah Kapuk area which can be
368 reached in a short time; (2) type of mothers' groups in Tangerang with their spending time
369 activities at the mall. Tangerang is a suburban area of Jakarta and a newly developing city so
370 there are many new malls or tourist locations. Mothers in Tangerang are not working and their
371 husbands are working in the office. So what Tangerang mothers mostly do is spending time at
372 the mall; (3) type of mothers' groups in Semarang with social gathering activities and
373 photography interest. Semarang is a metropolitan city, the capital city of Central Java Province
374 which only has a few large malls, so mothers prefer to gather in social gatherings and take
375 photos with friends at the restaurant, especially the newly open restaurant. Thus in group culture
376 that emerges through symbolic convergence which is believed by each group to be a cultural
377 elaboration, that is a new form of young moms morphogenesis.

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	Structural	Cultural
<i>Conditioning</i>	Internal material relationship	Internal logical relationship
<i>Socio-Cultural Interaction</i>	<i>Contingent Complementarities:</i> Material information as additional complementary.	<i>Concomitant Complementarities:</i> Symbol is the main complementary.

	Opportunities. Sectionalism.	Group protection. Systemization.
<i>Elaboration</i>	Structural conditioning is the same with the divided groups.	Group culture that emerges through symbolic convergence.

Figure 3: Stages in the Process of Young Moms Morphogenesis

Discussion

This young moms group is formed because of the existence of individuals who have the same perceived identity and taste similarity as well as specific goals through a historical process as a condition to meet individual and group needs. In the process of young moms' morphogenesis, groups that is social structures become a beginning of change. The group mediates individual changes. In young moms' morphogenesis the structures become a medium of changes that occurs in individuals (Archer, 1996: 282). Structures are social relations in which agents or people are within social structures (Porpora in Archer, 2013: 29). While Giddens believes the structure as a rules and resources that are formed from the repetition of social practices (Giddens, 1984: xxxi). Structures become the medium of social practice and has an empowering nature. So there is a difference between the two in which Archer sees the structure as media that changes individuals to meet their needs as happened in young moms while Giddens sees the opposite—the structure empowers individuals. Giddens further stated that in the end the agent—the individual, would act as a patterned structure but on the contrary, Archer's understanding is that the agent has their own autonomy. In the young moms group, the agency has the ability to meet their individual needs, both as individual and social needs. In fulfilling their social needs, young moms meet and gather regularly while waiting for their children at school; it becomes habits and eventually turns into lifestyles then emerging the young moms culture. Culture in Archer's view is a system agreed upon with each other in groups (Archer, 2013: 29).

Structural systems are related to cultural systems through socio-cultural interaction which is an interplay between cultures and culture structures. Socio-cultural interaction that occurs in groups, is an interaction where individuals give responses to one another. Response that occurs, besides considering personal life, individuals are also considering other individuals so that tolerance occurs in it to maintain the group. Conversations that occur in particular groups through this technology will continue to grow. Like in the students' mothers group which are originally for sharing information and coordinating the children's tasks. In the emphasis of the researchers, in the young moms groups, information, like non-physical material, becomes a necessity at the beginning of the structures relationship. Information is related to what makes us from not knowing to knowing. Information is a message that is interpreted by the recipient of the message. Archer said that material needs are physical (Archer, 1995: 175). But through the young moms' case, the structures do not only talk about the relationship of physical material but also non-physical, that is information, where in this case it is fulfilled through socio cultural interaction in technology. Furthermore, conversations in technology encourage them to meet directly (off line) at a location.

Technology is inseparable from individuals in groups and this is *structural emergent properties*, whereas technology—through social media—provides references to symbols and this

421 is *cultural emergent properties* that will be approved to be used in the groups' offline meetings.
422 Besides for improving each other relationship, their offline activities are made more interesting
423 with meeting themes. Arrangement of these themes occur through agreement on the convergence
424 process of *dress codes* that become the symbol of group identity and form of tolerance to each
425 other. This form of social interaction fulfills their social needs, so that individuals, especially
426 mothers, are no longer the same as when they were only taking and picking up children, but over
427 time they become individuals who have groups life with symbols in it. This became the
428 researchers' next emphasis—which previously has not been explained by Archer. Symbols such
429 as *dress code* have not been mentioned by Archer, especially on how symbols are converged
430 through individual fantasies. In *socio-cultural interaction* in structures, information becomes a
431 message that is shared according to the needs of each individual in the group. However the
432 socio-cultural interaction in cultures, symbols become individual needs and agreed upon through
433 the convergence process. Archer previously has not yet explained how social cultural interaction
434 occurs through the process of symbolic convergence. Through young moms' morphogenesis, the
435 researchers added that symbolic convergence is a process that occurs in social cultural
436 interactions so that it brings changes to individuals in groups.

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439 **Conclusion**

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441 Young moms' morphogenesis occurs through a process, in the following stages. The
442 first form (T1) is *structural conditioning* in which individuals join groups with conditioning that
443 occurs is material—that is information as internal material relations. The second form (T2) is a
444 group with *socio-cultural interaction* conditions in which information is an additional
445 complementary material. The third form (T3) is a group with a condition of *socio-cultural*
446 *interaction* where symbols become the main complement. The fourth form (T4) is an individual
447 who has a group culture that emerges through symbolic convergence.

448 Morphogenesis occurs through group communication within technology through
449 symbolic convergence. This study showed that the morphogenesis process of young moms is a
450 change in the form of structure-culture and **culture-structure** through causality that occurs
451 between the two systems, scilicet the change in the form of socio-cultural interaction in groups,
452 from material to non-material, from information to symbols.

453 This research shows how groups are formed in the digital era society through the
454 occurrence of changes in interaction in technology. In the future, social theories can refer to this
455 research and this as academic contribution research.

456 As limitations research, Archers's observations on socio-cultural interaction concept
457 have differences in the West and Eastern worlds. In the Western world, socio-cultural
458 interactions have a high context in which conversation that occur between individual are
459 straightforward, while in the Eastern the conversation that occur are not directly delivered and
460 these will change time Morphogenesis process so the process can take longer.

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462 **Consent** : As per international standard, participant's informed written consent has been collected and
463 preserved by the author(s).

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Ethical : NA

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