

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). Structuring refers to an actively occur processes that
149 are informed by a virtual structure and acted upon in reproduction where the social structure is
150 confronted (King, 2010: 254). But Archer argues that there are differences in looking at
151 structures and agencies. Structure and agency are two things that have autonomy and causal
152 interaction relationships, where both condition each other in different time periods and open
153 systems such as in the social world.

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

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

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177 **Morphogenesis Cycle**

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179 Morphogenesis contains two words; morph means form, while genesis refers to
180 formation which is the result of social interaction. Morphogenesis is a process that will change

181 the innate system in a structure. While morph stasis is the opposite of morphogenesis, which is a
 182 process in a complex system and aims to maintain the innate system of the structure (Buckley,
 183 1967: 58). Morphogenesis is a cycle consisting of three stages and runs in parallel, which are
 184 Structure or Cultural Conditioning, Socio Cultural Interaction, and Structure or Cultural
 185 Elaboration; each stage will lead to other phenomena and this will occur continuously (Archer,
 186 1996: 280). Through these steps, form 1 (T1) to the new form (T4) occur (see figure 1).
 187 Structural or Cultural Conditioning is a stage where individuals in a group determine what is
 188 approved or not. Therefore they will create a system of structures or cultures that is appropriate
 189 for them as individuals and for their groups. Influences which arise either material or
 190 relationships that build and form a system as well as other components are structural and cultural
 191 emergent property (Archer, 1995: 175).

192 Technology is inseparable from people's daily lives. Technology is digital media where
 193 there are various content, such as games, social networking applications, photography and so on,
 194 all of these are provided in one device—a gadget (Athique, 2013: 1). The technology facilitates
 195 communication which is the people interaction where morphogenesis is in the stage of the Socio
 196 Cultural Interaction. This stage is an element that occurs in the middle of the cycle, where
 197 interaction is a relationship that occurs between cultural actors. The dynamic conclusions of
 198 socio-cultural interactions are shown through diagrams in which there are four forms:
 199 **Constraining Contradiction, Competitive Contradiction, Concomitant Complementarities, and**
 200 **Contingent complementarities**. Cultural Elaboration is the result of socio-cultural interactions.
 201 Conclusion of Cultural Elaboration in Archer's morphogenesis is shown in a scheme consisting
 202 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

Which 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

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211 Figure 2: Conclusion of Cultural Elaboration

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214 **Symbolic Convergence Theory**

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216 Socio-Cultural Interaction in the Morphogenesis cycle talks at the level of group
217 communication that looks at the factors influencing the process and sees how groups interact in
218 natural situations. Interactions in Morphogenesis Theory explain the responses given by
219 individuals in groups to make a group agreement, but Bormann's Symbolic Convergence Theory
220 (1980) can sharpen the process of interaction that occurs in morphogenesis. SCT explains how
221 individuals share fantasies through conversations that build group awareness and create social
222 reality (Borman 1985: 136). Fantasy conversations give satisfaction to individuals (Miller, 2005:
223 242). In addition, it creates awareness to act for members (Kartikawangi 2013: 78). The SCT
224 processes through conversational narrative symbols in the form of meaning and emotion
225 (Littlejohn, 2017: 272). So the center is on responses that occur in groups (Griffin, 2011: 38).
226 Symbols are basic needs of humans and humans have the ability to use symbols (Morrisan, 2013:
227 136). Symbols are visible components of the communication process (Ruben, 2006: 73). The
228 symbols that are created, then become group symbolic identities that can give pride and
229 motivation to group members (Cragan, Wright and Kasch, 2004: 47). The converged symbol
230 trigger a symbol agreement as a signal used by the group (Bormann, 1985: 131).

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233 **Methodology**

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235 The research paradigm was constructivist, which is historical understanding and
236 cultural formation of the object under study (Cresswel, 2007: 21) with a phenomenological
237 approach that focused on individual experiences (Bogdan and Taylor: 1975: 5). The limitation of
238 the study was that of the Cultural Elaboration stage. Data collection took place from 2015 to
239 2019 through observation, documents and interviews. In-depth and open-ended interviews were
240 conducted at ten persons as resources (interviewee) with judgment sampling and snowball
241 sampling techniques.

242

243 **Research result**

244

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

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256 **Structural Conditioning (T1)**

257

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

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

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

286 Information is a message sent by people through technology and this makes people
287 become digital (or, being digital) as mentioned by Negroponete (1995: 17). With technology,
288 people are offered a variety of information that makes them rich in information—even more,
289 people are able to make and send information through conversations that occur within the WAG.
290 The conversation then goes on to the idea of going to the location together and getting other
291 benefits. The idea that is expressed in the WAG results in a divided response (*sectionalism*)
292 including **accepting, accepting but not following, and being silent**. The response is a form of
293 tolerance for each individual because ideas are implemented even though it can't be followed by
294 all. The group that resulted from the divided response and implemented the ideas (proposed)
295 ultimately results in situational logic, scilicet opportunities for individuals. Thus the second form
296 in the young moms' morphogenesis stage is in the conditions of *contingent complementarities*,
297 which are groups as additional complement where information becomes a material relationship
298 in the structure.

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300 **Structural Elaboration**

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

Cultural Conditioning

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

Cultural Socio-Cultural Interaction (T3)

After eating and having gathering activities in various restaurants from the days when waiting for their children to go home from school, then the activities continue where it is not just a waste of time. Other activity ideas come up with a schedule and way of how to protect the group (*protection*) so that they stay connected to each other. They believe that this is a way to bind closeness through routine meetings. In this situation, members will encourage each other to preserve togetherness. They make a systemization for the activities done, including what they should be wearing and the similarity of their groups. The process of developing rules creates group culture through symbols, rules, and codes that appear in various forms and become standard through communication is the process of developing group culture (Ruben and Steward, 2006: 277).

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

346 of the *Concomitant Complementary* where the symbol of group identity converged through the
 347 dress code—is the main complement to the individual.

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349 **Cultural Elaboration (T4)**

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

357 Each group has a different pattern of habits. Based on the typology, there are (1) type of
 358 mothers' groups in West Jakarta whose activities are eating and doing sports. The mothers who
 359 send their children to school in the West Jakarta area are mostly business women. There are
 360 many cafes and restaurants within the close radius from school area in West Jakarta; besides it is
 361 a strategic area for several adjacent locations such as the Pantai Indah Kapuk area which can be
 362 reached in a short time; (2) type of mothers' groups in Tangerang with their spending time
 363 activities at the mall. Tangerang is a suburban area of Jakarta and a newly developing city so
 364 there are many new malls or tourist locations. Mothers in Tangerang are not working and their
 365 husbands are working in the office. So what Tangerang mothers mostly do is spending time at
 366 the mall; (3) type of mothers' groups in Semarang with social gathering activities and
 367 photography interest. Semarang is a metropolitan city, the capital city of Central Java Province
 368 which only has a few large malls, so mothers prefer to gather in social gatherings and take
 369 photos with friends at the restaurant, especially the newly open restaurant. Thus in group culture
 370 that emerges through symbolic convergence which is believed by each group to be a cultural
 371 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. Opportunities. Sectionalism.	<i>Concomitant Complementarities:</i> Symbol is the main complementary. Group protection. Systemization.
<i>Elaboration</i>	Structural conditioning is the same with the divided groups.	Group culture that emerges through symbolic convergence.

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375 Figure 3: Stages in the Process of Young Moms Morphogenesis

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377 **Discussion**

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379 This young moms group is formed because of the existence of individuals who have the
 380 same perceived identity and taste similarity as well as specific goals through a historical process
 381 as a condition to meet individual and group needs. In the process of young moms'
 382 morphogenesis, groups that is social structures become a beginning of change. The group

383 mediates individual changes. In young moms' morphogenesis the structures become a medium
384 of changes that occurs in individuals (Archer, 1996: 282). Structures are social relations in
385 which agents or people are within social structures (Porpora in Archer, 2013: 29). While
386 Giddens believes the structure as a rules and resources that are formed from the repetition of
387 social practices (Giddens, 1984: xxxi). Structures become the medium of social practice and has
388 an empowering nature. So there is a difference between the two in which Archer sees the
389 structure as media that changes individuals to meet their needs as happened in young moms
390 while Giddens sees the opposite—the structure empowers individuals. Giddens further stated
391 that in the end the agent—the individual, would act as a patterned structure but on the contrary,
392 Archer's understanding is that the agent has their own autonomy. In the young moms group, the
393 agency has the ability to meet their individual needs, both as individual and social needs. In
394 fulfilling their social needs, young moms meet and gather regularly while waiting for their
395 children at school; it becomes habits and eventually turns into lifestyles then emerging the young
396 moms culture. Culture in Archer's view is a system agreed upon with each other in groups
397 (Archer, 2013: 29).

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

413 Technology is inseparable from individuals in groups and this is *structural emergent*
414 *properties*, whereas technology—through social media—provides references to symbols and this
415 is *cultural emergent properties* that will be approved to be used in the groups' offline meetings.
416 Besides for improving each other relationship, their offline activities are made more interesting
417 with meeting themes. Arrangement of these themes occur through agreement on the convergence
418 process of *dress codes* that become the symbol of group identity and form of tolerance to each
419 other. This form of social interaction fulfills their social needs, so that individuals, especially
420 mothers, are no longer the same as when they were only taking and picking up children, but over
421 time they become individuals who have groups life with symbols in it. This became the
422 researchers' next emphasis—which previously has not been explained by Archer. Symbols such
423 as *dress code* have not been mentioned by Archer, especially on how symbols are converged
424 through individual fantasies. In *socio-cultural interaction* in structures, information becomes a
425 message that is shared according to the needs of each individual in the group. However the
426 socio-cultural interaction in cultures, symbols become individual needs and agreed upon through
427 the convergence process. Archer previously has not yet explained how social cultural interaction

428 occurs through the process of symbolic convergence. Through young moms' morphogenesis, the
429 researchers added that symbolic convergence is a process that occurs in social cultural
430 interactions so that it brings changes to individuals in groups.

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432

433 **Conclusion**

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

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

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

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

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