



SDI EDITORIAL COMMENTS FORM

EDITORIAL COMMENT'S on revised paper (if any)	Authors' response to editor's comments
<p>The authors investigate the very weak solutions for the boundary value problem (1.1) (denoted in the manuscript). There are many misprints and some remarks presented below:</p> <ol style="list-style-type: none"> 1. - In the entire paper: the function θ must be defined on $\partial\Omega$ (the boundary of Ω), because θ is the function u on $\partial\Omega$ in (1.1); eventual θ can be defined on Ω (the closure of Ω), even if θ must be used only on $\partial\Omega$; 2. - Page 1, line 1+ (in Introduction): what is "$\ast n$" ? Is f a vector function ? In the first equation of (1.1), the left-hand side (with divergence) is scalar, so the right-hand side (f) must be also a scalar function. 3. - Page 1, line 5+: write "\mathbb{R}^n" instead of "$\ast n$" 4. - Page 1, line 9+: explain what "$u \in \theta + W^{1,r}(\Omega)$" means (see the first remark); the same remark in (1.3); 5. - Page 1, line 10+ (in Definition 1.1): write "... problem (1.1) if for ..." instead of "... problem (1.1), for ..." 6. - Page 1, line 6-: what is "$\ast n$" ? (see the second remark); 7. - Page 1, line 3-: write "p, see ..." instead of "p. see ..." 8. - Page 2, line 6+: write "... integrability of ..." instead of "... integrabilityof ..." 9. - Page 1, line 1+ (in Introduction): what is "$\ast n$" ? Is f a vector function ? In the first equation of (1.1), the left-hand side (with divergence) is scalar, so the right-hand side (f) must be also a scalar function. 10. - Page 1, line 5+: write "\mathbb{R}^n" instead of "$\ast n$" 11. - Page 1, line 9+: explain what "$u \in \theta + W^{1,r}(\Omega)$" means (see the first remark); the same remark in (1.3); 12. - Page 1, line 10+ (in Definition 1.1): write "... problem (1.1) if for ..." instead of "... problem (1.1), for ..." 13. - Page 1, line 6-: what is "$\ast n$" ? (see the second remark); 14. - Page 1, line 3-: write "p, see ..." instead of "p. see ..." 15. - Page 2, line 6+: write "... integrability of ..." instead of "... integrabilityof ..." 16. - Page 2, line 6-: write that \cdot is the Euclidian norm in \mathbb{R}^n, and h, 	<p>Thank you very much for your attention and the referee's evaluation and comments on our paper . We have revised the manuscript according to your kind advices and referee's detailed suggestions.</p> <ol style="list-style-type: none"> 1. - In the entire paper: $u \in W^{1,r}(\Omega)$ and $\theta \in W^{1,r}(\Omega)$, thus $u-\theta \in W_0^{1,r}(\Omega)$. 2. f isn't a vector function, f is a scalar function. $f(x) \in L^{\frac{nq}{n-(p-1)r}}(\Omega)$. The revised details can be found in Line 1+ (in Introduction), page 1. 3. We have written "\mathbb{R}^n" instead of "$\ast n$". 4. "$u \in \theta + W_0^{1,r}(\Omega)$" means: $u \in W^{1,r}(\Omega)$ and $\theta \in W^{1,r}(\Omega)$, thus $u-\theta \in W_0^{1,r}(\Omega)$. 5. We have revised the manuscript according to your kind advices. 6. f isn't a vector function, f is a scalar function. $f(x) \in L^{\frac{nq}{n-(p-1)r}}(\Omega)$. The revised details can be found in Line 6-, page 1. 7. We have written "p, see ..." instead of "p. see ...". 8. We have written "... integrability of ..." instead of "... integrabilityof ...". 9. f isn't a vector function, f is a scalar function. $f(x) \in L^{\frac{nq}{n-(p-1)r}}(\Omega)$. The revised details can be found in Line 1+ (in Introduction), page 1. 10. We have written "\mathbb{R}^n" instead of "$\ast n$". 11. "$u \in \theta + W_0^{1,r}(\Omega)$" means: $u \in W^{1,r}(\Omega)$ and $\theta \in W^{1,r}(\Omega)$, thus $u-\theta \in W_0^{1,r}(\Omega)$. 12. We have revised the manuscript according to your kind advices. 13. f isn't a vector function, f is a scalar function. $f(x) \in L^{\frac{nq}{n-(p-1)r}}(\Omega)$. The revised details can be found in Line 6-, page 1. 14. We have written "p, see..." instead of "p. see...". 15. We have written "... integrability of ..." instead of "... integrabilityof ...". 16. We added this point into our revised manuscript and the details can be found in Line 6-, Page 2.



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<p>\cdot i is the euclidian scalar product</p> <p>17. - Page 3, line 8+: write "we have that" instead of "we havethat"</p> <p>18. - Page 3, line 13+ (the third line in (3.1)): write "." after the last L; in (3.1), θ is a function defined on $\partial\Omega$ or Ω ? (see the first remark).</p> <p>19. - Page 3, line 12-: write "where" instead of "Where"</p> <p>20. - Page 3, line 9-: write "." at the end of formula (3.2)</p> <p>21. - Page 3, line 8-: what is "0 n" ?</p> <p>22. - Page 3, line 4-: write "such that" instead of "suchthat"</p> <p>23. - Page 4, line 8+: write "Using" instead of "using"</p> <p>24. - Page 4, line 7-: write "." at the end of formula</p> <p>25. - Page 6, line 12+: write "I_2 and I_3" instead of "$I_2 - I_3$"</p> <p>26. - Page 6, line 13+: write "(3.12) and (3.13)" instead of "(3.12)and(3.13)"</p> <p>27. - Page 6, line 14+: write "." instead of ",," (in the first two commas)</p> <p>28. - Pages 7 and 8: it is better to use another notation for $L_0/0$ (eventual L_1)</p> <p>29. - Page 7, in (3.21) and (3.22): write "." at the end of these formulas;</p> <p>30. - Page 8, line 11+: write "." instead of the second comma (before "Therefore"). The paper must be revised according to the above remarks.</p>	<p>17. We have written "we have that" instead of "we havethat".</p> <p>18. We have revised the manuscript according to your kind advices.</p> <p>19. We have revised the manuscript according to your kind advices.</p> <p>20. We have written "." at the end of formula (3.2).</p> <p>21. We have revised the manuscript according to your kind advices. The revised details can be found in Line 8-, page 3.</p> <p>22. We have written "such that" instead of "suchthat". see Page 3, line 4-.</p> <p>23. We have written "Using" instead of "using". see Page 4, line 8+.</p> <p>24. We have revised the manuscript according to your kind advices. see Page 4, line 7-.</p> <p>25. We have revised the manuscript according to your kind advices. see Page 6, line 12+.</p> <p>26. We have revised the manuscript according to your kind advices. see Page 6, line 13+.</p> <p>27. We have revised the manuscript according to your kind advices. see Page 6, line 14+.</p> <p>28. We have written L' instead of L. see Pages 7 and 8.</p> <p>29. We have revised the manuscript according to your kind advices.</p> <p>30. We have revised the manuscript according to your kind advices. see Page 8, line 11+.</p> <p>Thank for the referee's detailed suggestions.</p>
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