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## Certificate of Publication



This is to certify that **Mr/Dr. T. ELBOUAYACHI**, *Dèpartement de Mathématiques, Université Abdelmalek Essaadi, FST Tanger, Tanger, Morocco*, has contributed a paper as author/co-author to “**International Journal of Mathematics And its Applications**” entitled on “*Chirps Construct on Sobolev Spaces and the Behavior of their  $\| \cdot \|_{L^2[-\varepsilon, \varepsilon]}$  and  $\| \cdot \|_{H^s[-\varepsilon, \varepsilon]}$  Norm*” and has got published in **Volume 7 Number 1 (2019), 31–39**.

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