Research Achievements

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Throughout my research time, I found the research strength of advanced problem-solving skills based on flexible thinking [1] and [2]. During the research, I faced many questions and many possibilities [3]. and how to overcome them, and when questions are formulated [4]. It is also possible to identify strengths regarding the analytical approaches adopted to produce new knowledge and integrate it into findings from previous studies as a feature of the research in the field of science research [5]. The strengths of the studies are reflected when the newly generated knowledge can be integrated into findings from previous studies [6] using, adapting, and extending analytical codes from other studies [7]. Considering the tensions between general and subject-specific approaches and how analytical approaches are used from previous studies (in particular the use of previous code systems) to generate new knowledge [8].Furthermore, I have studied many books meanwhile attending many mathematic workshops [3] to [8] and meet many experienced professors to get experience and to have good research that will be useful in many fields.This fact shows that I have the ability to carry out research that can solve problems based on flexible thinking and initiative [1] and [2].

Research and presentation (oral)

[1] Habibi, Sadaf, and F. Takahashi: ``Asymptotic behavior of least energy solutions to the Finsler Lane-Emden problem with large exponents" Discrete and Continuous Dynamical Systems (DCDS), 42, no.10, (2022)

[2] Habibi, Sadaf, and F. Takahashi: ``Applications of p-harmonic transplantation for functional inequalities involving a Finsler norm" SN Partial Differential Equations and Applications, 3, no.3, Paper No. 32,(2022).

[3] Habibi, Sadaf: ``A priori estimates for singular radial solutions to some semilinear elliptic equations with supercritical growth", The 13 the Graduate Student Workshop on Mathematics, Osaka City University, (31, July 2019) (without review)

[4] Habibi, Sadaf: ``Asymptotic behavior of least energy solutions to the Finsler Lane-Emden problem in dimension two", The 14th Graduate Student Workshop on Mathematics at Kyungpook National University (Zoom) (28, July 2021) (without review) I was awarded for the PRESENTATION EXCELLECE

[5] Habibi, Sadaf: ``Asymptotic behavior of least energy solutions to the Finsler Lane-Emden problem with large exponents", PDE and Real Analysis for Young Researchers (Osaka University, Osaka City University, and Tokyo University of Science) (Zoom) (December 17, 2021) (without review)

[6] Habibi, Sadaf: ``Asymptotic behavior of least energy solutions to the Finsler Lane-Emden problem with large exponents",(Seminar on Differential Equations at Osaka Metropolitan University 2022(September 6, 2022))

[7] Habibi, Sadaf: ``Applications of p-harmonic transplantation for functional inequalities involving a Finsler norm" (The 15th Graduate Student Workshop on Mathematics at Osaka Metropolitan University (with live streaming via Zoom) (26-28, July 2022))

[8] Habibi, Sadaf: ``Applications of p-harmonic transplantation for functional inequalities involving a Finsler norm" PDE and Real Analysis for Young Researchers (Osaka University, Osaka City University, and Tokyo University of Science) (Zoom) (December 23, 2022)