

A Critical Review of Wan Fariza alyati Wan zakaria. (2019). *Islamiyyat: Epistemology and Methodology of Islamic Science in the Age of Industrial Revolution 4.0*, Vol. 41, Iss. 1, pp. 13-23. Reviewed by Ng Jing Er.

INTRODUCTION

The title of the article is ‘Epistemology and Methodology of Islamic Science in the Age of Industrial Revolution 4.0’. The author of this article is Wan Fariza alyati Wan zakaria. The purpose of this article is trying to explain the role of Epistemology and Methodology of Islamic Science while evolving in the era of IR 4.0. In this article is mainly discussed about why Muslims need their own science, which is based on their true views and values. The article also expressed the thoughts and feelings of the author who showing her disagreement to the arguments that trying to wipe out the contributions of Islamic science.

THE ROLE OF SCIENCE TO MUSLIM

The author had come to a conclusion that the important of Islamic science which is the key that shaped civilization. And the author denied with the claim of replication of the Western system in Islamic Science. Islam is a religion that values education and values knowledge (Mark Halstead, 2010). This can be seen through their engagement on exploring knowledge and their scientific achievements. The Islamic Science absorbed the essence of science which were compatible with its spirit, has provided the nourishment for its own characteristic cultural life. The author has proposed some claims to withstand her opinion that showing the objective of Islamic science. See line “...sains adalah manifestasi jiwa dan keperibadian sesuatu bangsa...” (p.14).

VALUES AND PRINCIPLES OF ISLAMIC SCIENCE AND TECHNOLOGY

I agree with author to a certain extent where epistemology and methodology of a system of knowledge must be based on values that exist rather than temporary factors (p.17). Most of the Western system are based on Western egocentric needs and manifestations which definitely against to Islam’s values and principles (p.14). From the article we also knew that, Islamic science is definitely having a different view and standpoints from the Western science. And

the author also managed to proposed with an obvious comparison between Western science and Islamic science generated by Sardar (1989). In short, Islamic science is an integral aspect of Islamic civilization and its intellectual tradition which is different from western's values. From this article, it is obvious that the author is concerned about the criticisms and doubts to Islamic science as she frequently mentioned about the difference among Western science and Islamic science.

CONTRIBUTION OF ISLAMIC SCIENCE THAT CAN BE DENIED

There's a lot of views about the decline of Islamic science causing the lack of talent and professional in this science and technology field (Hillel Ofek, 2011). In this article, the author mentioned about the decline of Islamic science which due to the status of Western science is much more important instead of Islamic science. We should not ignore one's contribution (Islamic Science) when we have different views of opinion. Islamic science does not appear in a theoretical form in their lives, but in a living life. The history of Islam scientific achievements has a wide range of subject areas (Robinson, Francis, 1996). Such as Islamic mathematics covered algebra, geometry and arithmetic which is still useful until today.

CONCLUSION

Through the opinions and ideas proposed by the author in this article, it is obvious that the author is believe to her views and opinion by showing a lot of studies by a few Islamic thinker. The article provides some studies or opinions from Islamic thinker to response to those arguments and criticisms. However, there's also a few weaknesses appeared in this article such as the author kept repeating the principles in Islamic science but some of the statements are not related to the topic about Industry Revolution. The reader might few the contents of the article are quite wordy and not confine to subject.

REFERENCES

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