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Survey of Understanding conceptual about the Red Moon during Lunar Eclipse of the first year undergrad student, school of science, University of Phayao, academic year 2017

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We investigate the first-year undergraduate students'understanding concepts about the color of the Moon during Lunar Eclipse. The sample is 68 students from Physics, Chemistry and Biology major, school of science, University of Phayao. We use the 2 open-ended questions about the color of the moon and Lunar eclipse. The students 'answers are analyzed from their drawing diagrams and/or text representation. The results show that we can group the students into 3 groups i.e. (1) understanding (34%), (2) partial understanding (25%), and the rest (3) not understand or misconception.

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