Va-023 Room: C311 Time: June 26 10:30-10:45

Evolution of the intrusion-eruption system with a volcano growth

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A systematic variation of the intrusion-eruption system with the long-term growth of a basaltic polygenetic volcano is discussed, using the self-control system through stress proposed by Takada (1997;1999). The area for dike intrusions of a polygenetic volcano expands with time. The range of eruption volume of a polygenetic volcano expands in the early stage and becomes constant in the late stage.

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