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An analytical method for Mathieu oscillator based on method of variation of parameter

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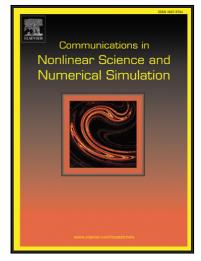
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Highlights

- 1 A simple but accurate analytical method for Mathieu equation is presented.
- 2 A lot of comparisons are presented to verify the correctness and high precision.
- 3 The method could reveal many details in response of Mathieu equation.

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