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Seismic-wave simulation using the hybrid method of the discrete-wavenumber and the three dimensional finite-difference methods

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We present three dimensional seismic ground motion simulation using the hybrid method of the discrete-wavenumber (DW) and the three dimensional finite-difference (FD) methods. And we applied the DW-FD hybrid method to the August 25, 2001 earthquake (MJMA5.3) occurred in the South Kyoto Prefecture.