

Model fitting of a torus type magnetic rope observed by NOAOMI and ACE

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The torus-shaped flux rope model applied to the magnetic cloud observed by ACE on April 16-17, 1999, was tested by the nearly simultaneous observation by NOZOMI spacecraft that was within 3 degrees in heliocentric longitude and 0.2 AU in heliocentric distance of ACE. An attempt of fitting a torus-shaped flux rope model to the NOZOMI and ACE observation is made.