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DECLARATION

In the publication:

Gruszecki, M., Nakariakov, V.M., Van Doorselaere, T., Arber, T.D., *Phenomenon of Alfvénic Vortex Shedding, Phys. Rev. Lett.*, 2010, 105, 055004

I did: I participated to the idea of the study, set up of the numerical experiment and interpretation of the results obtained.

I estimate my percentage contribution to: 25%

In the publication:

Gruszecki, M., Vasheghani Farahani, S., Nakariakov, V. M., Arber, T. D., *Magnetoacoustic shock formation near a magnetic null point, Astron. Astrophys.*, 2011, 531, A63

I did: I participated to the idea of the study, set up of the numerical experiment and interpretation of the results obtained.

I estimate my percentage contribution to: 20%

In the publication:

Gruszecki, M., Nakariakov, V.M., *Slow magnetoacoustic waves in magnetic arcades, Astron. Astrophys.*, 2011, 536, A68

I did: I participated to the idea of the study, set up of the numerical experiment and interpretation of the results obtained.

I estimate my percentage contribution to: 30%

In the publication:

Gruszecki, M., Nakariakov, V.M., Van Doorselaere, T., *Intensity variations associated with fast sausage modes, Astron. Astrophys.* 2012, 543, A12

I did: I participated to the idea of the study, set up of the numerical experiment and interpretation of the results obtained.

I estimate my percentage contribution to: 25%



SIGNATURE