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	title	Local approximation for contour dynamics in effectively two-dimensional ideal electron-magnetohydrodynamic flows	title	Local approximation for contour dynamics in effectively two-dimensional ideal electron-magnetohydrodynamic flows		
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		The evolution of piecewise constant distributions of a conserved quantity related to the frozen-in canonical	id	id777785392016999061		
	abstract	such a patch of the conserved quantity, a local approximation in the dynamics of the patch boundary is suggested, based on the possibility to represent the total energy as the sum of area and boundary terms. Only the boundary energy produces deformation of the shape with time. Stationary moving configurations are described.	abstract	The evolution of piecewise constant distributions of a conserved quantity related to the frozen-in canonical vorticity in effectively two-dimensional incompressible ideal EMHD flows is analytically investigated by the Hamiltonian method. The study includes the case of axisymmetric flows with zero azimuthal velocity component and also the case of flows with the helical symmetry of vortex lines. For sufficiently large size of such a patch of the conserved quantity, a local approximation in the dynamics of the patch boundary is suggested, based on the possibility to represent the total energy as the sum of area and boundary terms. Only the boundary energy produces deformation of the shape with time. Stationary moving configurations are		
	versions			described.	4	
			versions	<u></u>		