

Unsteady boundary layer flow in the region of the stagnation point

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Mixed convection boundary layers in the stagnation-point flow toward a stretching vertical sheet. <i>Meccanica</i> , 2006, 41, 509-518.	1.2	205
2	Lie-group method of solution for steady two-dimensional boundary-layer stagnation-point flow towards a heated stretching sheet placed in a porous medium. <i>Meccanica</i> , 2006, 41, 681-691.	1.2	41
3	Mixed Convection on the Stagnation Point Flow Toward a Vertical, Continuously Stretching Sheet. <i>Journal of Heat Transfer</i> , 2007, 129, 1087-1090.	1.2	116
4	Non-similar series solution for boundary layer flow of a third-order fluid over a stretching sheet. <i>Applied Mathematics and Computation</i> , 2007, 189, 1576-1585.	1.4	34
5	Non-similar solution for the axisymmetric flow of a third-grade fluid over a radially stretching sheet. <i>Acta Mechanica</i> , 2007, 189, 193-205.	1.1	48
6	Heat and mass transfer analysis for boundary layer stagnation-point flow towards a heated porous stretching sheet with heat absorption/generation and suction/blowing. <i>International Communications in Heat and Mass Transfer</i> , 2007, 34, 347-356.	2.9	123
7	Mixed convection stagnation point flow of a micropolar fluid towards a stretching sheet. <i>Meccanica</i> , 2008, 43, 411-418.	1.2	79
8	MHD boundary-layer flow due to a moving extensible surface. <i>Journal of Engineering Mathematics</i> , 2008, 62, 23-33.	0.6	45
9	Analytical solution of stagnation-point flow of a viscoelastic fluid towards a stretching surface. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2008, 13, 1822-1835.	1.7	33
10	Falkner-Skan flows past moving boundaries: an exactly solvable case. <i>Acta Mechanica</i> , 2009, 203, 13-21.	1.1	15
11	Heat and mass transfer in stagnation-point flow towards a stretching surface in the presence of buoyancy force and thermal radiation. <i>Meccanica</i> , 2009, 44, 145-158.	1.2	108
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13	Series solution of hydromagnetic flow and heat transfer with Hall effect in a second grade fluid over a stretching sheet. <i>Open Physics</i> , 2010, 8, .	0.8	12
14	Effects of radiation and magnetic field on the mixed convection stagnation-point flow over a vertical stretching sheet in a porous medium. <i>International Journal of Heat and Mass Transfer</i> , 2010, 53, 466-474.	2.5	151
15	HAM solutions for boundary layer flow in the region of the stagnation point towards a stretching sheet. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2010, 15, 475-481.	1.7	126
16	Unsteady MHD flow and heat transfer on a stretching sheet in a rotating fluid. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2010, 41, 644-650.	2.7	61
17	A uniformly valid series solution to the unsteady stagnation-point flow towards an impulsively stretching surface. <i>Science China: Physics, Mechanics and Astronomy</i> , 2010, 53, 521-526.	2.0	9
18	Flow and heat transfer over an unsteady stretching surface with Hall effect. <i>Meccanica</i> , 2010, 45, 97-109.	1.2	64

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20	Mixed convection in the stagnation-point flow of a Maxwell fluid towards a vertical stretching surface. <i>Nonlinear Analysis: Real World Applications</i> , 2010, 11, 3218-3228.	0.9	74
21	The unsteady MHD boundary-layer flow on a shrinking sheet. <i>European Journal of Mechanics, B/Fluids</i> , 2010, 29, 357-363.	1.2	43
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23	Boundary layer flow of an Oldroyd-B fluid in the region of a stagnation point over a stretching sheet. <i>Canadian Journal of Physics</i> , 2010, 88, 635-640.	0.4	75
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26	MHD stagnation-point flow and heat transfer towards stretching sheet with induced magnetic field. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2011, 32, 409-418.	1.9	103
27	Unsteady stagnation-point flow over a plate moving along the direction of flow impingement. <i>International Journal of Heat and Mass Transfer</i> , 2011, 54, 3103-3108.	2.5	26
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33	Dual solutions in boundary layer stagnation-point flow and mass transfer with chemical reaction past a stretching/shrinking sheet. <i>International Communications in Heat and Mass Transfer</i> , 2011, 38, 917-922.	2.9	157
34	The boundary layers of an unsteady incompressible stagnation-point flow with mass transfer. <i>International Journal of Non-Linear Mechanics</i> , 2011, 46, 942-948.	1.4	39
35	Dual Solutions in Unsteady Stagnation-Point Flow over a Shrinking Sheet. <i>Chinese Physics Letters</i> , 2011, 28, 084702.	1.3	61
36	RADIATION EFFECTS ON MHD AXISYMMETRIC STAGNATION POINT FLOW TOWARDS A HEATED SHRINKING SHEET. <i>Chemical Engineering Communications</i> , 2012, 199, 823-837.	1.5	4

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45	Numerical simulation of MHD stagnation point flow and heat transfer of a micropolar fluid towards a heated shrinking sheet. <i>International Journal for Numerical Methods in Fluids</i> , 2012, 69, 384-398.	0.9	24
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108	Mutual effects of stratification and mixed convection on Williamson fluid flow under stagnation region towards an inclined cylindrical surface. <i>MethodsX</i> , 2017, 4, 429-444.	0.7	17

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