

	http://doi.org/10.1007/s00231-006-0132-8			
[29]	Postelnicu A. (2007) Influence of chemical reaction on heat and mass transfer by natural convection from vertical surfaces in porous media considering Soret and Dufour effects. <i>Heat Mass Transfer</i> 43(6): 595-602. http://doi.org/10.1007/s00231-006-0132-8	K_p	Permeability parameter	
		Sc	Schmidt number	
			Greek symbols	
		T	fluid temperature	
		$\theta(\eta)$	dimensionless temperature	
		T_∞	fluid temperature at infinity	
		μ	dynamic viscosity	
		Gc	Grashof number for mass transfer	
		δ	solutal buoyancy parameter	
		B_0	magnetic flux density	
		α	thermal diffusivity	
		Sh	Sherwood number	
		σ	Electrical	
		κ	thermal conductivity	
		λ	thermal buoyancy or mixed convection parameter	
		Nu	Nusselt number	
		ρ	density of the fluid	
		Kc	chemical reaction parameter	
		ν	kinematic viscosity	
		Gr	Grashof number for heat transfer	
		η	similarity variable	
		C_∞	species concentration at infinity	
		β_T	thermal expansion coefficient	
		k_c^*	reaction rate of the solute	
		β_c	concentration expansion coefficient	
		N	angular Velocity	
		γ'	spin gradient viscosity	
		u, v	velocity components along x- and y-direction	
		$\varphi(\eta)$	non-dimensional concentration parameter	
		j	micro-inertia density	
		k	vortex viscosity or microrotation viscosity	
		C_w	stretching sheet concentration	
		Ec	Eckert number	
		T_w	stretching sheet temperature	
		x, y	coordinates	

NOMENCLATURE

C	fluid Concentration
D	coefficient of the mass diffusivity
Du	Dufour number
Pr	Prandtl number
Sr	Soret number
g	acceleration due to gravity
M	magnetic parameter
Γ	material parameter
Cp	specific molecular diffusivity