

Correction to “A generalized single-channel method for retrieving land surface temperature from remote sensing data” by Juan C. Jiménez-Muñoz and José A. Sobrino

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[1] In the paper “A generalized single-channel method for retrieving land surface temperature from remote sensing data” by Juan C. Jiménez-Muñoz and José A. Sobrino (*Journal of Geophysical Research*, 108(D22), 4688, doi:10.1029/2003JD003480, 2003), there was an error in the seventh line and second column of Table 2. The correct

expression is $\chi_{2\lambda} = -0.22765 \lambda^3 + 6.8606 \lambda^2 - 69.2577 \lambda + 233.0722$.

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Table 2. Numerical Expression for the Atmospheric Functions According to Equation (12) and Equation (13a) from Equation (13d)^a

AF	Spectral Functions	R
ψ_1	$\eta_{1\lambda} = 0.00090 \lambda^3 - 0.01638 \lambda^2 + 0.04745 \lambda + 0.27436$	0.992
	$\xi_{1\lambda} = 0.00032 \lambda^3 - 0.06148 \lambda^2 + 1.2021 \lambda - 6.2051$	
	$\chi_{1\lambda} = 0.00986 \lambda^3 - 0.23672 \lambda^2 + 1.7133 \lambda - 3.2199$	
ψ_2	$\varphi_{1\lambda} = -0.15431 \lambda^3 + 5.2757 \lambda^2 - 60.1170 \lambda + 229.3139$	0.993
	$\eta_{2\lambda} = -0.02883 \lambda^3 + 0.87181 \lambda^2 - 8.82712 \lambda + 29.9092$	
	$\xi_{2\lambda} = 0.13515 \lambda^3 - 4.1171 \lambda^2 + 41.8295 \lambda - 142.2782$	
	$\chi_{2\lambda} = -0.22765 \lambda^3 + 6.8606 \lambda^2 - 69.2577 \lambda + 233.0722$	
ψ_3	$\varphi_{2\lambda} = 0.41868 \lambda^3 - 14.3299 \lambda^2 + 163.6681 \lambda - 623.5300$	0.996
	$\eta_{3\lambda} = 0.00182 \lambda^3 - 0.04519 \lambda^2 + 0.32652 \lambda - 0.60030$	
	$\xi_{3\lambda} = -0.00744 \lambda^3 + 0.11431 \lambda^2 + 0.17560 \lambda - 5.4588$	
	$\chi_{3\lambda} = -0.00269 \lambda^3 + 0.31395 \lambda^2 - 5.5916 \lambda + 27.9913$	
	$\varphi_{3\lambda} = -0.07972 \lambda^3 + 2.8396 \lambda^2 - 33.6843 \lambda + 132.9798$	

^aAF, Atmospheric function; R, correlation.