

ERRATUM: “LYMAN α RADIATIVE TRANSFER IN COSMOLOGICAL SIMULATIONS USING ADAPTIVE MESH REFINEMENT” (2009, *ApJ*, 696, 853)

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In the original paper, we provide a handy functional form for calculating the optimal value of x_{crit} , characterizing the size of the Gaussian core that can be skipped in the acceleration scheme of the radiative transfer, as a function of $a\tau_0$ (Equation (17)). Two different sets of parameters are used for $a\tau_0 \leq 60$ and $a\tau_0 > 60$, but in the manuscript, the inequality symbols “ \leq ” and “ $>$ ” have been misplaced by “ \geq ” and “ $<$,” respectively. Thus, the correct sentence is:

“Indeed, it is found that the value

$$x_{\text{crit}} = \begin{cases} 0 & \text{for } a\tau_0 \leq 1 \\ 0.02 e^{\xi \ln^{\chi} a\tau_0} & \text{for } a\tau_0 > 1, \end{cases} \quad (17)$$

where $(\xi, \chi) = (0.6, 1.2)$ or $(1.4, 0.6)$ for $a\tau_0 \leq 60$ or $a\tau_0 > 60$, respectively, can be used without affecting the emergent spectrum . . .”

The error is only present in the text, and hence no results are affected.

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