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Keshav Aggarwal* (keshav.aggarwal@maine.edu), 5752 Neville Hall, Room 334, Orono, ME 04469. *A new subconvex bound for $GL(3)$ L -functions in the t -aspect.*

Let π be a Hecke cusp form for $SL(3, \mathbb{Z})$. We revisit Munshi's proof of the t -aspect subconvex bound for $SL(3)$ L -functions, and we are able to remove the 'conductor lowering' trick. This simplification along with a more careful stationary phase analysis allows us to improve Munshi's bound to,

$$L(1/2 + it, \pi) \ll_{\pi, \epsilon} (1 + |t|)^{3/4 - 3/40 + \epsilon}$$

for any $\epsilon > 0$. (Received August 30, 2019)