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Single and Pair Production of Heavy Leptons in E_6 Model A.
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Baysal University — We investigate the single and pair production of new heavy lep-
tons via string inspired E_6 model at future linear colliders. Signal and corresponding
backgrounds for these leptons are studied. We have found that single production
of heavy leptons is more relevant than that of pair production, as expected. For a
maximal mixing value of 0.1, the upper mass limits of 2750 GeV in the single case
and 1250 GeV in the pair production case are obtained at $\sqrt{s} = 3$ TeV collider
option.

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