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Representation dimensions of triangular matrix algebras

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Let \$A\$ be a finite dimensional hereditary algebra over an algebraically closed field \$k\$, $T_2(A)=(\eqref{array}\cc}A&0 A&A\end{array})$ be the triangular matrix algebra and $A^{(1)}=(\eqref{array}\cc}A&0 DA&A\end{array})$ be the duplicated algebra of \$A\$ respectively. We prove that ${\rm erray})$ be the duplicated algebra of \$A\$ respectively. We prove that ${\rm erray})$ is at most three if \$A\$ is Dynkin type and ${\rm erray}\T_2(A)$ is at most three if \$A\$ is Dynkin type and ${\rm erray}\T_2(A)$ is at most four if \$A\$ is not Dynkin type. Let \$T\$ be a tilting A- ${\rm err}\Calle$ and ${\rm err}\Calle$ be a tilting \$A^{(1)}-{\rm err}\Calle be a

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