

REGULAR SUBMODULES OF REGULAR
KRONECKER MODULES

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Abstract. Using some results on the Hall algebra of the Kronecker algebra kK over the finite field k , we provide numerical criteria for a regular module in $\text{mod-}kK$ to be embeddable in another regular module. We also describe the possible factors of such an embedding. Finally the possible modules occurring in an n -term Hall product of regulars is discussed.

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Key words. Kronecker algebra, Hall algebra, regular modules, regular pencils.

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