

On properties of the minus partial order in regular modules

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Abstract. We investigate properties of the minus partial order in regular modules, present new characterizations of this order, and generalize some known results. We introduce a new relation in the general module theoretic setting that is analogous to the space pre-order on complex matrices and study how it is related to the minus partial order.

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Mathematics Subject Classification: 06A06, 06F25, 06F99, 16D99.

Key words and phrases: minus partial order, regular module, Rickart *-ring, Hilbert space.