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Direct limit of matricially Riesz normed spaces

Abstract: In this paper, the $\mathcal{F}$-Riesz norm for ordered $\mathcal{F}$-bimodules is introduced and characterized in terms of order theoretic and geometric concepts. Using this notion, $\mathcal{F}$-Riesz normed bimodules are introduced and characterized as the inductive limits of matricially Riesz normed spaces.

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