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Intermediate spaces. (Turkish summary)

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Let X_1, X_2 be two Banach spaces continuously embedded in a topological linear Hausdorff space. The author defines two discrete intermediate spaces of X_1 and X_2 , using the function norms $K(t; f)$ and $J(t; f)$ of J. Peetre. Some properties of these spaces as well as their interpolation property are established. Also given is a theorem about an interpolation property of a nuclear map when the intermediate space is of a certain class.

Reviewed by *Paşç Găvruta* (Timișoara)

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