$\varphi\text{-maps}$ on Hilbert C*-modules, $\varphi\text{-module}$ domains and ternary domains

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For an operator-valued φ -map Φ on a Hilbert C^* -module X over a C^* -algebra A, $X_{\Phi} = \{x \in X; \Phi(xa) = \Phi(x) \varphi(a) \text{ for all } a \in A\}$ is its φ -module domain and $T_{\Phi} = \{x \in X; \Phi(y \langle x, z \rangle) = \Phi(y) \Phi(x)^* \Phi(z) \text{ for all } y, z \in X\}$ is its ternary domain. In this talk we will discuss about some properties of X_{Φ} and T_{Φ} .

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