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## QUASI CLASS Q\* COMPOSITION OPERATORS

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## Abstract

In this paper, a new class of operator, Quasi class  $Q^*$  is defined as  $||(T^*T)x||^2 \leq \frac{1}{2}(||T^3x||^2 + ||Tx||^2)$  for each vector  $x \in H$  and some properties on it are discussed. Also Quasi class  $Q^*$  composition operators on  $L^2$  space are characterized.

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Key Words and Phrases : Composition operators, Conditional expectation.

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