998-16-200   **S. Tariq Rizvi** (`rizvi@math.ohio-state.edu`), Department of Mathematics, The Ohio State University - Lima, 4240 Campus Drive, Lima, OH 45804, and **Cosmin S Roman*** (`cosmin@math.ohio-state.edu`), Department of Mathematics, The Ohio State University, 231 W 18th Ave, Columbus, OH 43210. *Idempotents and Annihilators in Endomorphism Rings.*

Let R be an arbitrary ring, M a right R-module and $S = End_R(M)$ the ring of R-endomorphisms of M. M is called a *(quasi-) Baer module* if the left annihilator in S of any (fully invariant) submodule of M is generated, as a left ideal of S, by an idempotent endomorphism. Equivalently, the module M is (quasi-) Baer if the right annihilator in M of any (right and) left ideal of S is a direct summand of M. We will discuss some new developments in the theory of Baer and quasi-Baer modules including connections of relevant properties between the module and its endomorphism ring S. Applications of results will be provided. (Received February 26, 2004)