admissibility

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Let k be a field, V a vector space over k, and $T\colon V \to V$ a linear operator. We say that a subspace W of V is T-*admissible* if

1. W is a T - invariant subspace;
2. If $f \in k[X]$ (See the polynomial ring definition) and $f(T)x \in W$, there is a vector $y \in W$ such that $f(T)x = f(T)y$.