A type *A* is relevant if $\vdash e : A \rightarrow A \otimes A$ is derivable for some *e*.

A type *A* is affine if $\vdash e : A \rightarrow \top$ is derivable for some *e*.

A term e is a well-typed closed proper term if $(1) \vdash e : A$ is derivable for some type A, and (2) for any variable x in e, if it occurs more than once, then the type of x is relevant. If it doesn't occur, then the type of x is affine. (3) All the free variables in a recursion-term (rec x. e) must be relevant.