



Math for the people, by the people.

dominates (local ring)

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A local ring  $(S, \mathfrak{n})$  is said to *dominate* a <http://planetmath.org/LocalRing>local ring  $(R, \mathfrak{m})$  if  $R$  is a subring of  $S$ , and  $\mathfrak{n} \cap R = \mathfrak{m}$ .