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Olivier A. Heubo-Kwegna* (oheubokw@svsu.edu), 7400 Bay Road, University Center, MI 48710. *Star Colon-Multiplication Ideals.*

In this talk, we consider a star operation \star on an integral domain R . We define an ideal A of R to be a \star -colon-multiplication ideal if $A^\star = (B(A : B))^\star$ for all fractional ideal B of R . We prove that every maximal ideal of R is a \star -colon-multiplication ideal if and only if R is a \star -Completely Integrally Closed Domains (for short \star -CICD) or R is a local domain satisfying the \star -maximal trace property. We also show that every ideal of R is \star -colon-multiplication if and only if R is a \star -CICD. (Received June 23, 2014)