

DECREASES WITH

“R decreases with T” literally means R decreases as T decreases; i.e., it says the same thing about R(T) as “R increases with T.” Sometimes it is actually used with that meaning, but more often it is carelessly taken to mean that R decreases as T increases. Therefore, it is best to avoid “decreases with” altogether except in the form “R decreases with increasing (decreasing) T.” Another unambiguous pair is a decreasing (an increasing) function of T.”