Recovery Block

Acceptance Test should be easy to write Example Non-example Traving in supervised learning Unsuperinsed classification Factorization of large number Sorting Somvig equations 2 Res X C Reliability X X = >= KE Effort Total budget = E Complexity of each version 2 C $= 3R^2 - 2R^3$ = 3e = -2e =

$$R_{NVP}(t) = 3eR^2 - 2R^3$$
 $= -6KCt = -2e$
 $= 3eR^2 - 2R^3$

NVP in practice Proportionally Constan
Version 1: 0.8E Propobionality Constant Ky
Version 2: 0.15 E) legacy code that you version 3: 0.05 E) upgrade for this mission K3
version 3: 0:05 £) upgrade for this K3
Typically K3 < K2 < K1
Give argument for using NVP.
Recovery Block with 3 versions R1 R2 R3
with 3 versions R, R2 R3

Recovery Block with 3 versions R_1 R_2 R_3 $R_{RB-3} = 1-(1-R_1).(1-R_2).(1-R_3)$ $R_1 = R_2 = R_3 = 0$ $R_1 = R_2 = R_3 = 0$