

EQUAÇÕES PARA CÁLCULO DAS CURVAS DE TEMPO INVERSO EM C# MATH SYNTAX

ANSI - Extremely Inverse	$TD * (28.2 / (\text{Math.Pow}(M, 2) - 1) + 0.1217)$
ANSI - Moderately Inverse	$TD * (0.0515 / (\text{Math.Pow}(M, 0.02) - 1) + 0.114)$
ANSI - Very Inverse	$TD * (19.61 / (\text{Math.Pow}(M, 2) - 1) + 0.491)$
Definite Time	TD
IEC - Extremely Inverse	$TD * 80 / (\text{Math.Pow}(M, 2) - 1)$
IEC - Long Time Inverse	$TD * 120 / (\text{Math.Pow}(M, 1) - 1)$
IEC - Normal Inverse	$TD * 0.14 / (\text{Math.Pow}(M, 0.02) - 1)$
IEC - Very Inverse	$TD * 13.5 / (\text{Math.Pow}(M, 1) - 1)$
IEC - RI inverse Curve	$TD * (1 / (0.339 - (0.236 / M)))$
IEEE Extremely Inverse EI	$TD * (5.64 / (\text{Math.Pow}(M, 2f) - 1f) + 0.02434)$
IEEE Moderately Inverse MI	$TD * (0.0103 / (\text{Math.Pow}(M, 0.02) - 1f) + 0.0228)$
IEEE Very Inverse VI	$TD * (3.922 / (\text{Math.Pow}(M, 2f) - 1f) + 0.0982)$
C1 - IEC Cls A Standard Inverse	$TD * (0 + (0.14 / (\text{Math.Pow}(M, 0.02) - 1)))$
C2 - IEC Cls B Very Inverse	$TD * (0 + (13.5 / (\text{Math.Pow}(M, 1) - 1)))$
C3 - IEC Cls C Ext. Inverse	$TD * (0 + (80 / (\text{Math.Pow}(M, 2) - 1)))$
C4 - IEC Long-Time Inverse	$TD * (0 + (120 / (\text{Math.Pow}(M, 1) - 1)))$
C5 - IEC Short-Time Inverse	$TD * (0 + (0.05 / (\text{Math.Pow}(M, 0.04) - 1)))$

CÓPIA NÃO CONTROLADA

Este documento é meramente informativo – não nos responsabilizamos pelo uso indevido.

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Fonte das informações: ETAP Library

www.ccpge.eng.br