

Modulo per analisi di convergenza

Problema schema x t

Griglia rada Δx^r
 Δt^r $g_n^r =$

Griglia media Δx^m
 Δt^m $g_n^m =$

Griglia fitta Δx^f
 Δt^f $g_n^f =$

$$\tilde{n} = \frac{\log \frac{g_n^r - g_n^m}{g_n^m - g_n^f}}{\log 2} = \dots\dots\dots$$

$$\tilde{k} = -\frac{g_n^r - g_n^m}{\Delta x^{\tilde{n}} - \left(\frac{\Delta x}{2}\right)^{\tilde{n}}} = \dots\dots\dots$$

$$\tilde{g} = g_n^r + \tilde{k}(\Delta x)^{\tilde{n}} = \dots\dots\dots$$

$$\tilde{E}^r = |\tilde{g} - g_n^r| = \dots\dots\dots$$

$$\tilde{E}^m = |\tilde{g} - g_n^m| = \dots\dots\dots$$

$$\tilde{E}^f = |\tilde{g} - g_n^f| = \dots\dots\dots$$

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