

## Tehtävä 9

SKK - 10 Maaliskuu 2013

1	$f(x) := -3/4 * x$ $\rightarrow f(x) := -\frac{3x}{4}$
2	termit:=Iteraatiolista[f(x),5/4,10] $\rightarrow$ <b>termit</b> := { $-\frac{15}{16}, \frac{45}{64}, -\frac{135}{256}, \frac{405}{1024}, -\frac{1215}{4096}, \frac{3645}{16384}, -\frac{10935}{65536}, \frac{32805}{262144}, -\frac{98415}{1048576}, \frac{295245}{4194304}$ }
3	termit $\approx$ { <b>-0.9375, 0.70313, -0.52734, 0.39551, -0.29663, 0.22247, -0.16685, 0.12514, -0.09386, 0.07039</b> }
4	osasummat:=Lukuarvona[Jono[Summa[Iteraatiolista[f(x),5 / 4,p]] + 5 / 4,p,1,10]] $\rightarrow$ <b>osasummat</b> := { <b>0.3125, 1.01563, 0.48828, 0.88379, 0.58716, 0.80963, 0.64278, 0.76792, 0.67406, 0.7</b> }
5	