

Group:A/B/C	No (in list)	Student ID	Full Name (Surname, Name)	HW
				06

Assuming $A^* = A_0(h) + a_0h^2 + a_1h^4 + a_2h^6 + a_3h^8 + O(h^{10})$. Complete the Richardson table and determine $A_3(h)$ provided that $A_0(h), A_0(h/2), A_0(h/4), A_0(h/8)$ are in the first column.

$O(h^2)$	$O(h^4)$	$O(h^6)$	$O(h^8)$
0.7357558146			
0.7357586907			
0.7357588704			
0.7357588816			

Note: All above works should be done by hand and scientific calculator rather than computer application or programming since this is just a review exercise for the upcoming midterm exam.