# Problem Set 5-Monday

Please indicate the members who are present. Also indicate the group coordinator.

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Group Number:		
Members:		

$$\int_{-\frac{\pi}{3}}^{\frac{\pi}{3}} \left( x \tan(x^4) + x^2 \right) dx$$

$$\int_0^{\frac{1}{2}} \frac{\cos\left(\sin^{-1}x\right)}{\sqrt{1-x^2}} dx$$

Find

$$\int \sqrt[3]{x^3 + 1} \ x^5 dx$$

$$\int_0^{\frac{\pi}{4}} \left(1 + \tan x\right)^3 \sec^2 x \ dx$$

$$\int_0^1 4e^x \sinh x \, dx$$