

MATH 211: 10-13 WORKSHEET

(1) Evaluate

$$\int \sin^3 t \cos^3 t \, dt.$$

(2) Evaluate

$$\int \cos^4 t \, dt.$$

(3) Evaluate

$$\int \tan^3 x \sec^4 x \, dx.$$

(4) Evaluate

$$\int \csc^3 x \cot x \, dx.$$