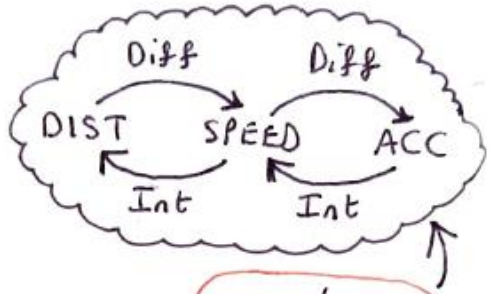
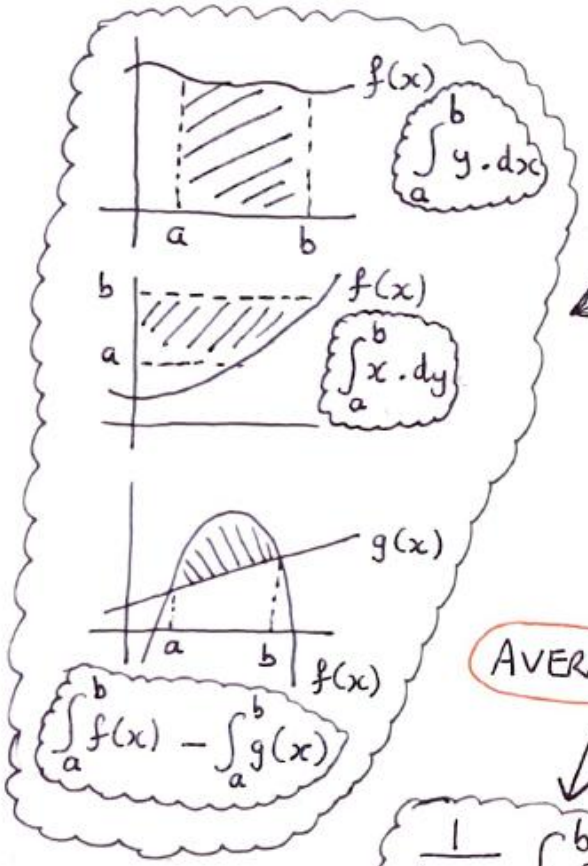
INTEGRATION



DIST/SPEED/ACC

AREAS



BY RULE

$$\int x^n \, dx = \frac{x^{n+1}}{n+1} + C$$

* Pg 26 Tables

AVERAGE VALUE

$$\frac{1}{b-a} \int_a^b f(x) \, dx$$

TRIG

* Tables Pg 26

$\frac{1}{x}$, e^x, e^{ax}, a^x

* Tables Pg 26

$$\int \frac{1}{ax+b} = \frac{1}{a} \ln(ax+b) + C$$