## CSE 410 - OFFLINE 1

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Duheel II & 2013 A MONEY restation angle - want brown wheel 71 CV 2810(2 Y axis so among Translate (24 y, 2+ wheel-radius) g | Rotatef (Alreetion-argle, 0,0,1) al Rotatef (restation angle, 0, 1,0) draw wheel () draw Whee 1 > X axis & 2mmm -> Reetangle (1) -> Rotation (90') Coglinder -Rect 2 (5) Rectangle (2) Y axis of 90° rotation

<u>ald</u> direction angle += Wheel-step W/5 trotation\_angle + = wheelstep S= (wheel Radius x (wheel step \* Pi)/180.0) center. 2+= 5 x cos (direction angle \* pi/280.0) center y += S \* sin (directionargle \* Pi/180.0) clother. 2 =0

R  $R = \pi$   $f_{2n}$   $f_{n}$   $f_{n}$   $f_{n}$ 

Square 
$$(0,0,R)$$
 $5123$   $6765 = 212$ 

Cylinder

 $(72,172,0)$ 
 $120405 = 0$ 

height = 242

Sphere

 $(72,172,172)$ 
 $1720405 = 0$