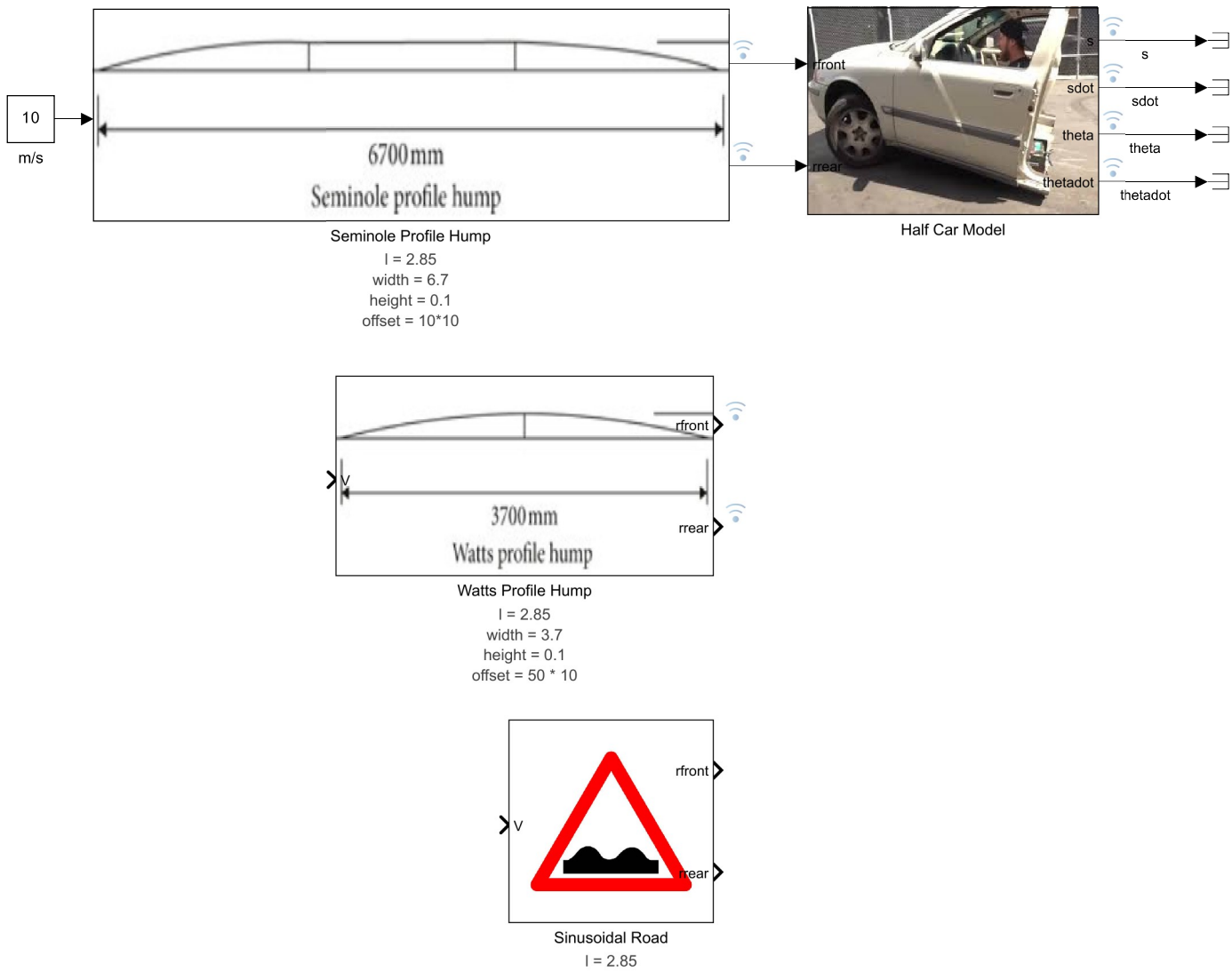
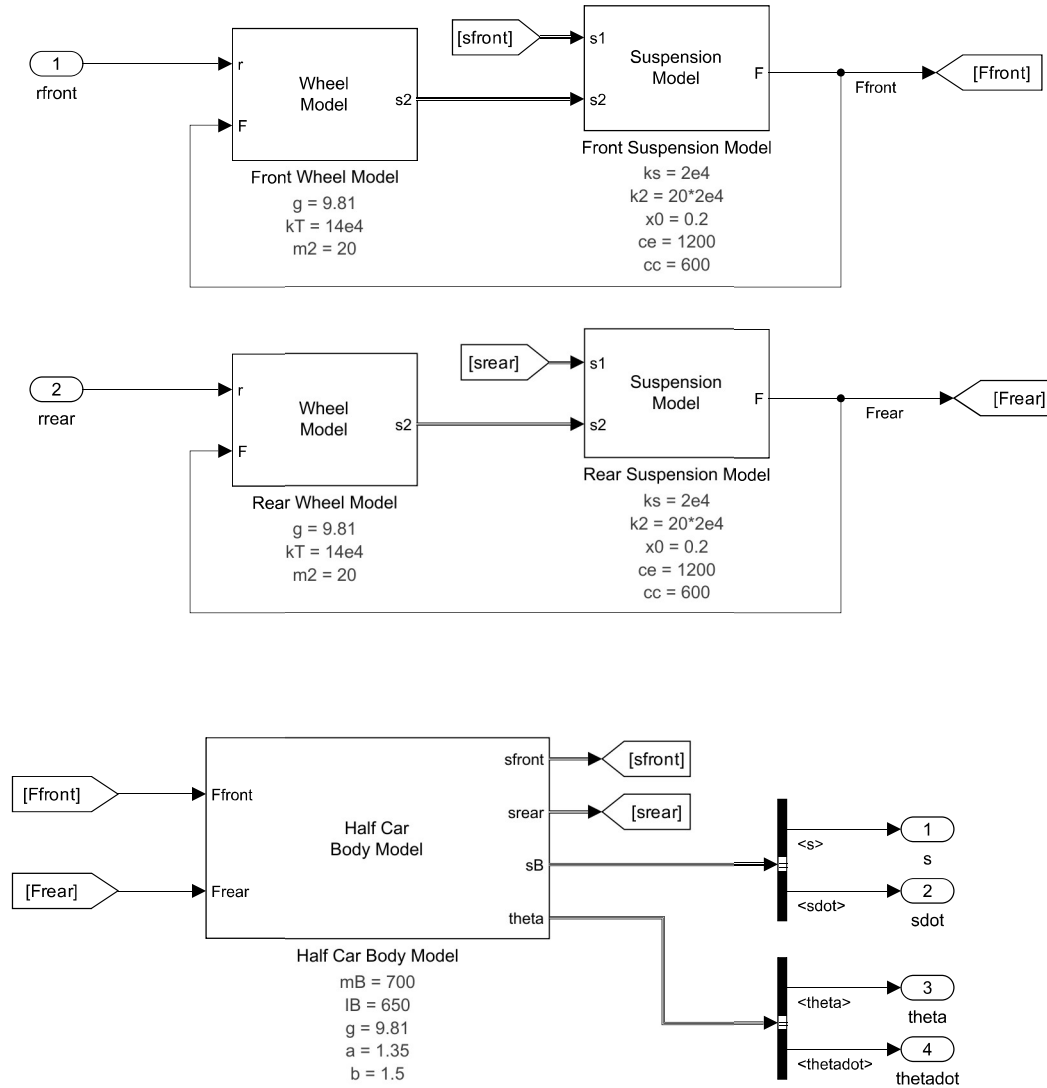


HalfCar



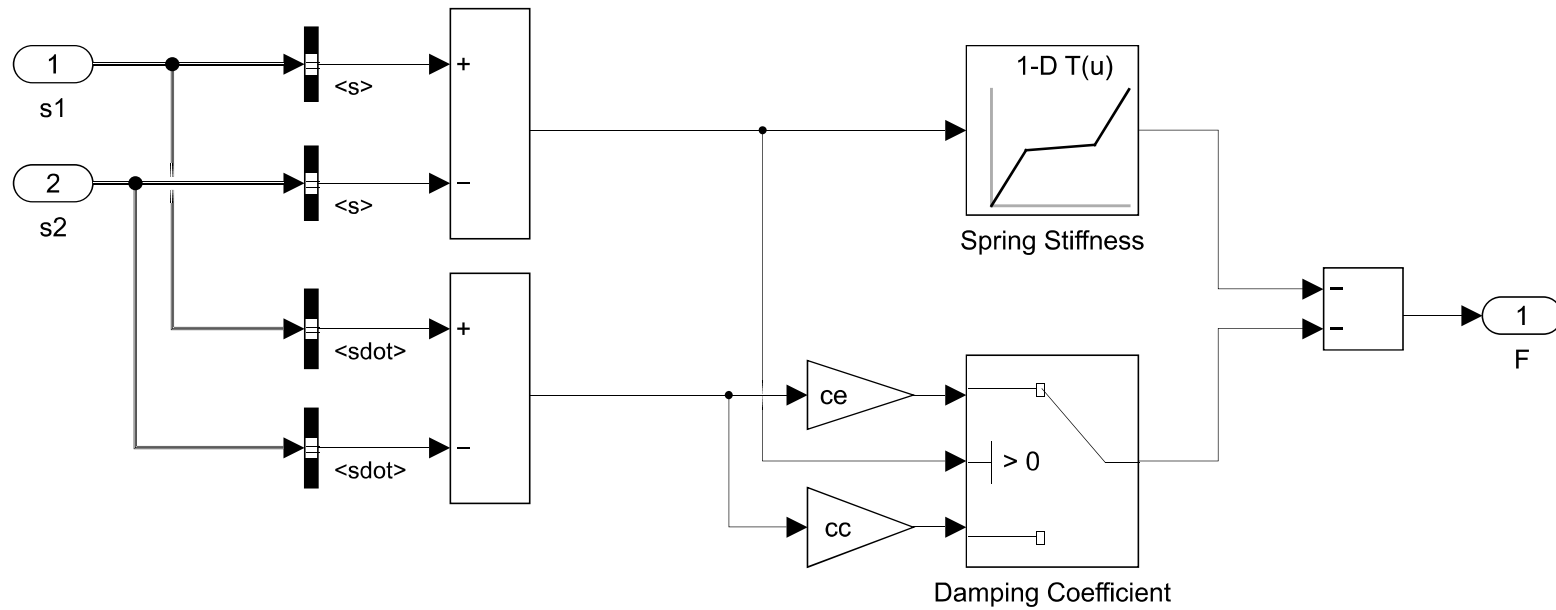
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HalfCar/Half Car Model



C:\Users\Seb\ME40064-Labs\cw3\HalfCar.slx

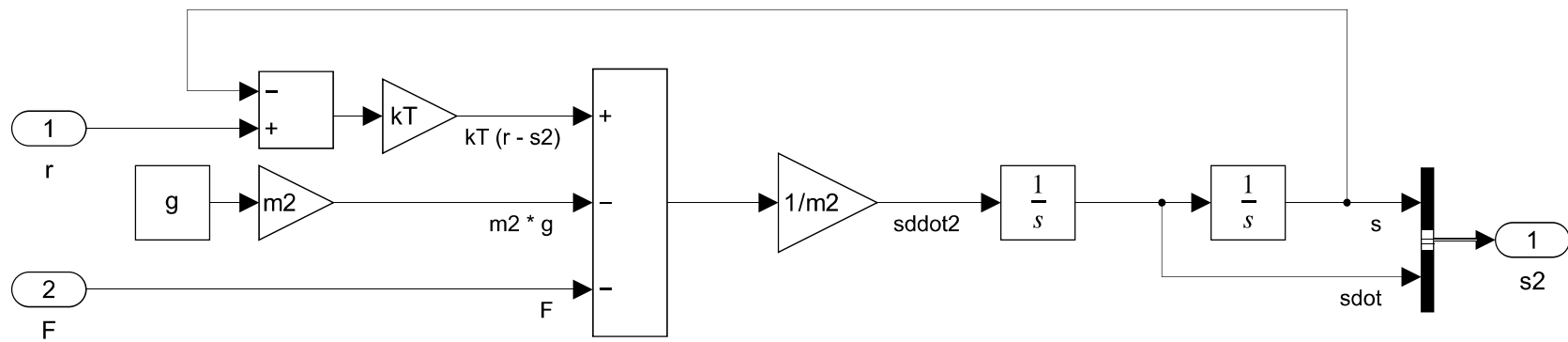
HalfCar/Half Car Model/Front Suspension Model



$$F = -ks(s_1 - s_2) - cs(\dot{s}_1 - \dot{s}_2)$$

C:\Users\Seb\ME40064-Labs\cw3\HalfCar.slx

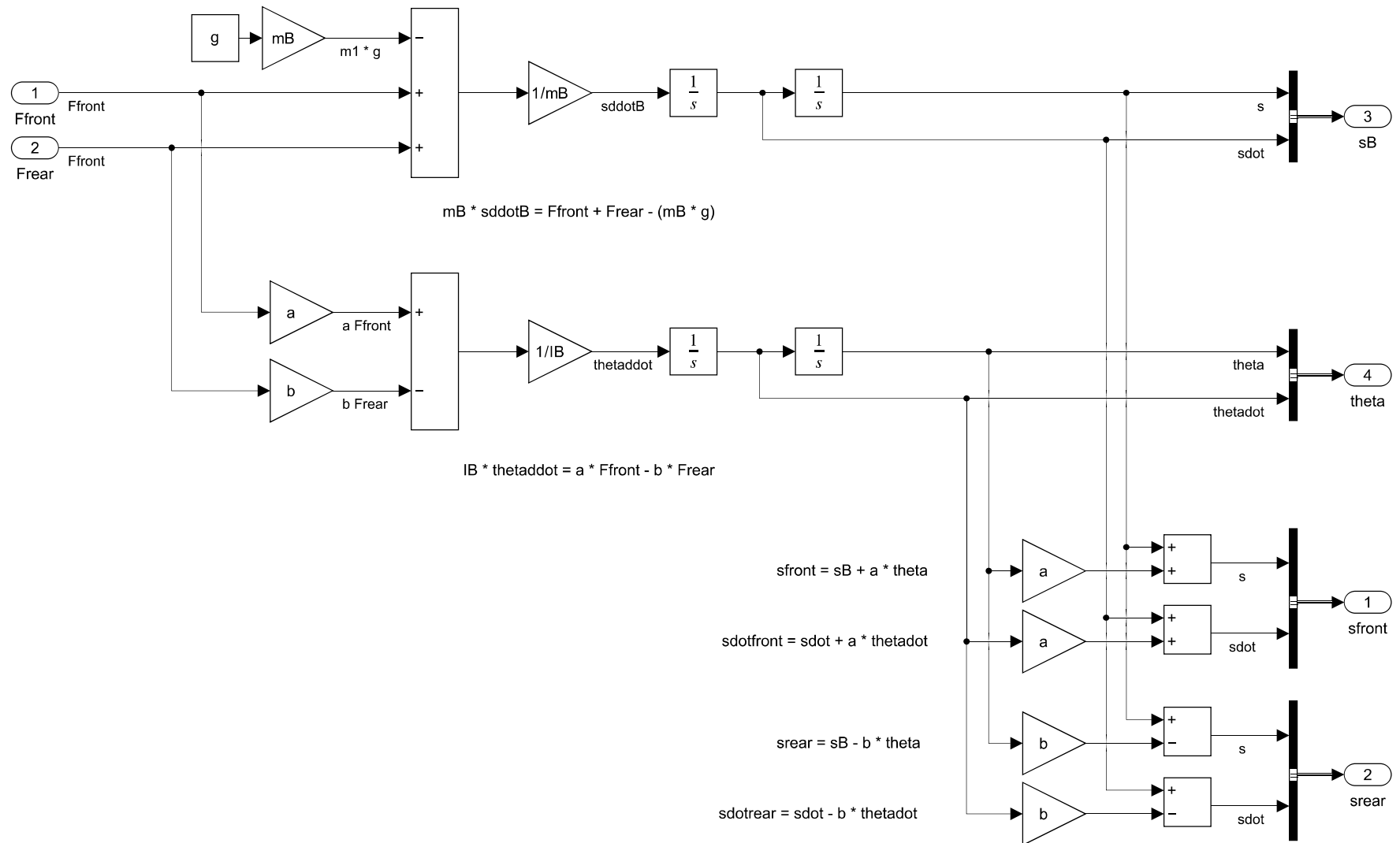
HalfCar/Half Car Model/Front Wheel Model



$$m2 \, sddot2 = -F + kT (r - s2) - (m2 * g)$$

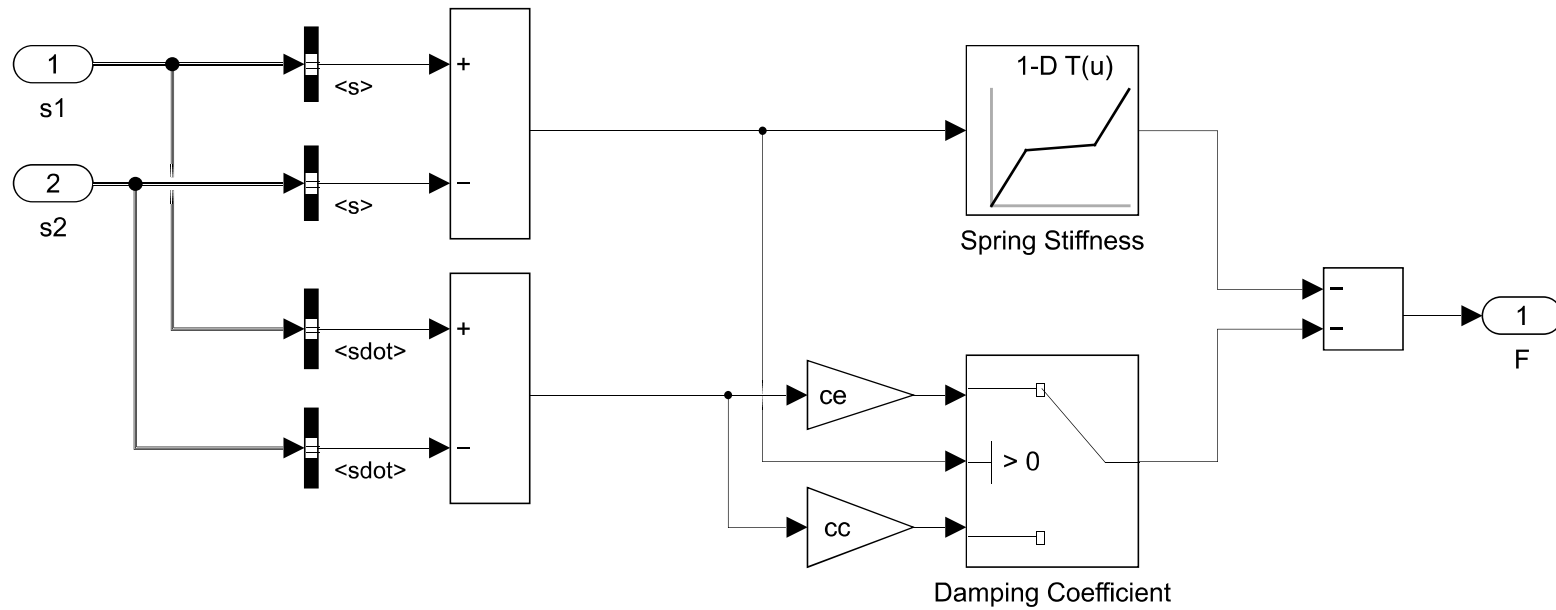
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HalfCar/Half Car Model/Half Car Body Model



C:\Users\Seb\ME40064-Labs\cw3\HalfCar.slx

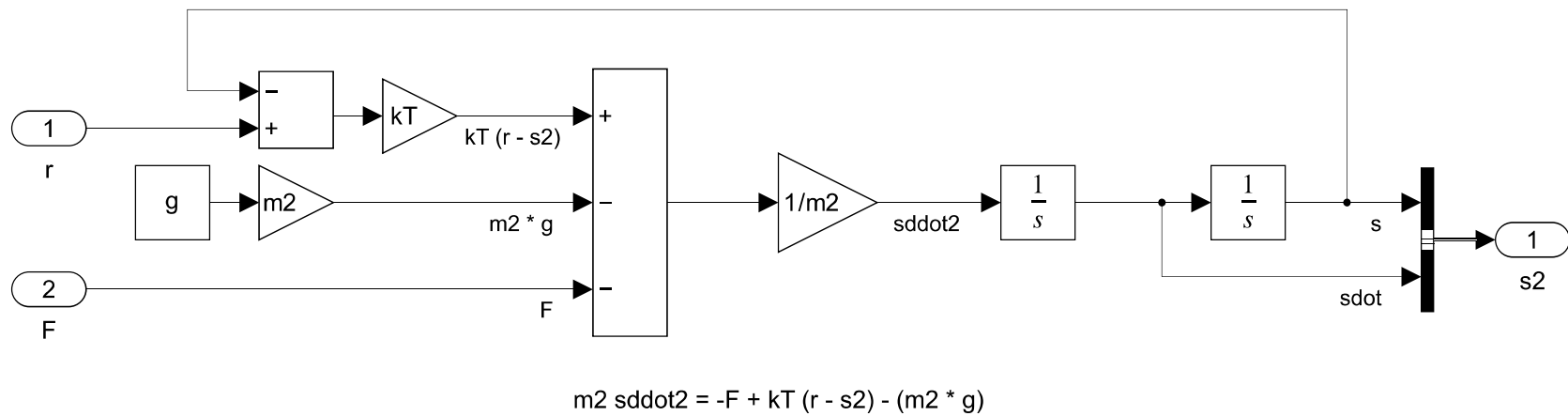
HalfCar/Half Car Model/Rear Suspension Model



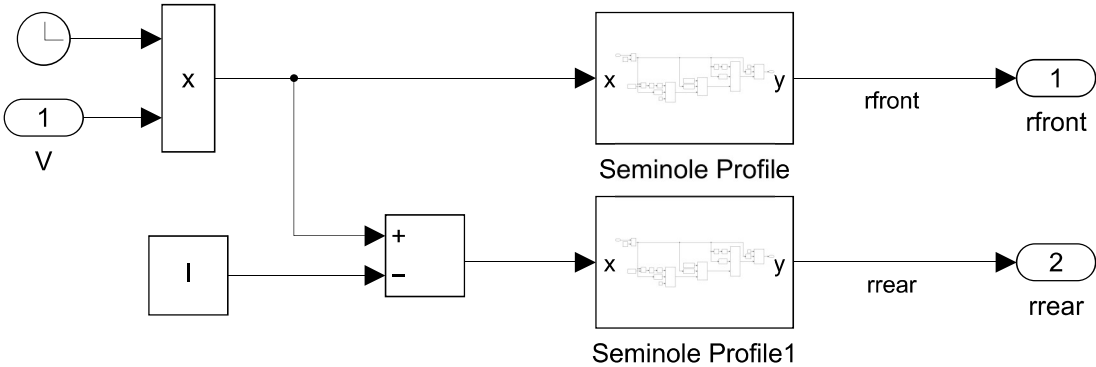
$$F = -ks(s_1 - s_2) - cs(\dot{s}_1 - \dot{s}_2)$$

C:\Users\Seb\ME40064-Labs\cw3\HalfCar.slx

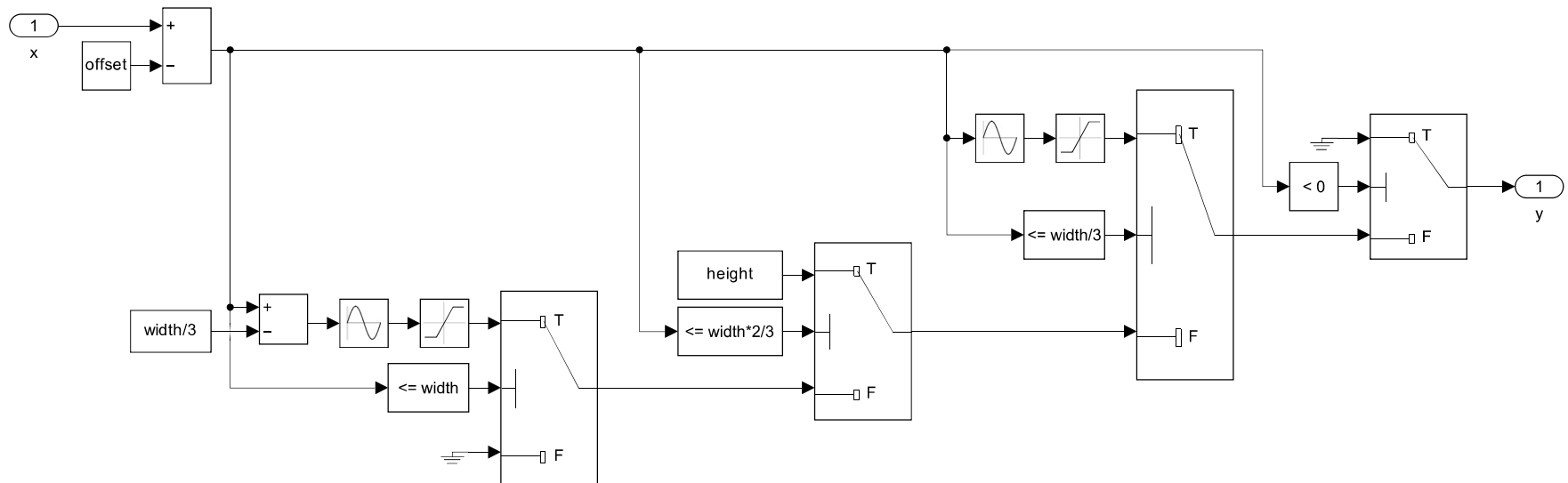
HalfCar/Half Car Model/Rear Wheel Model



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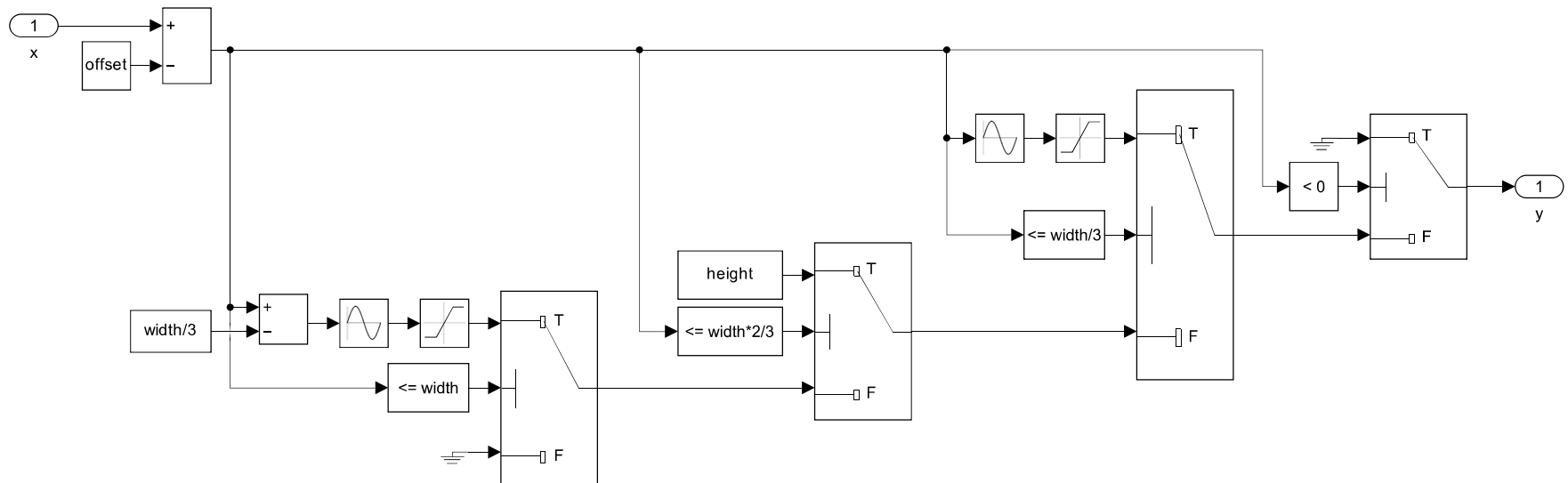


HalfCar/Seminole Profile Hump/Seminole Profile

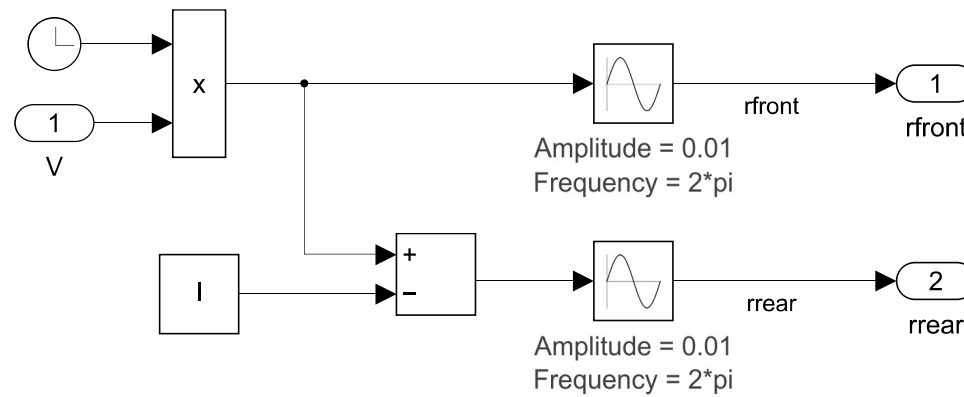


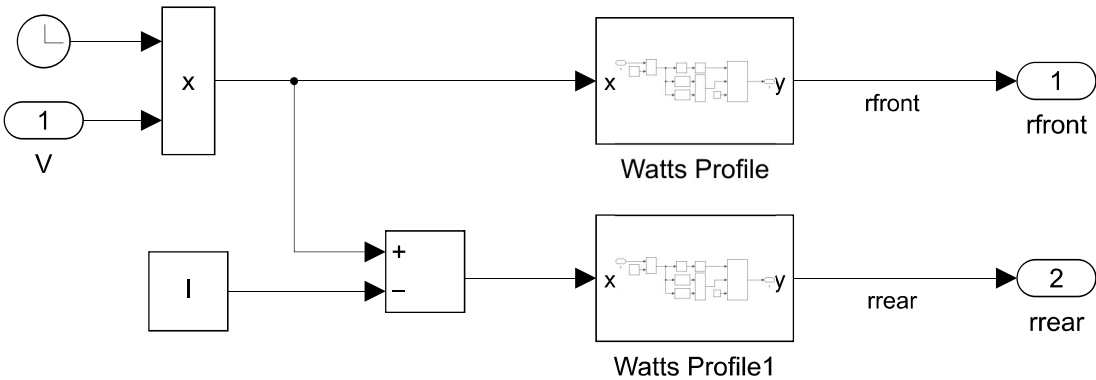
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HalfCar/Seminole Profile Hump/Seminole Profile1

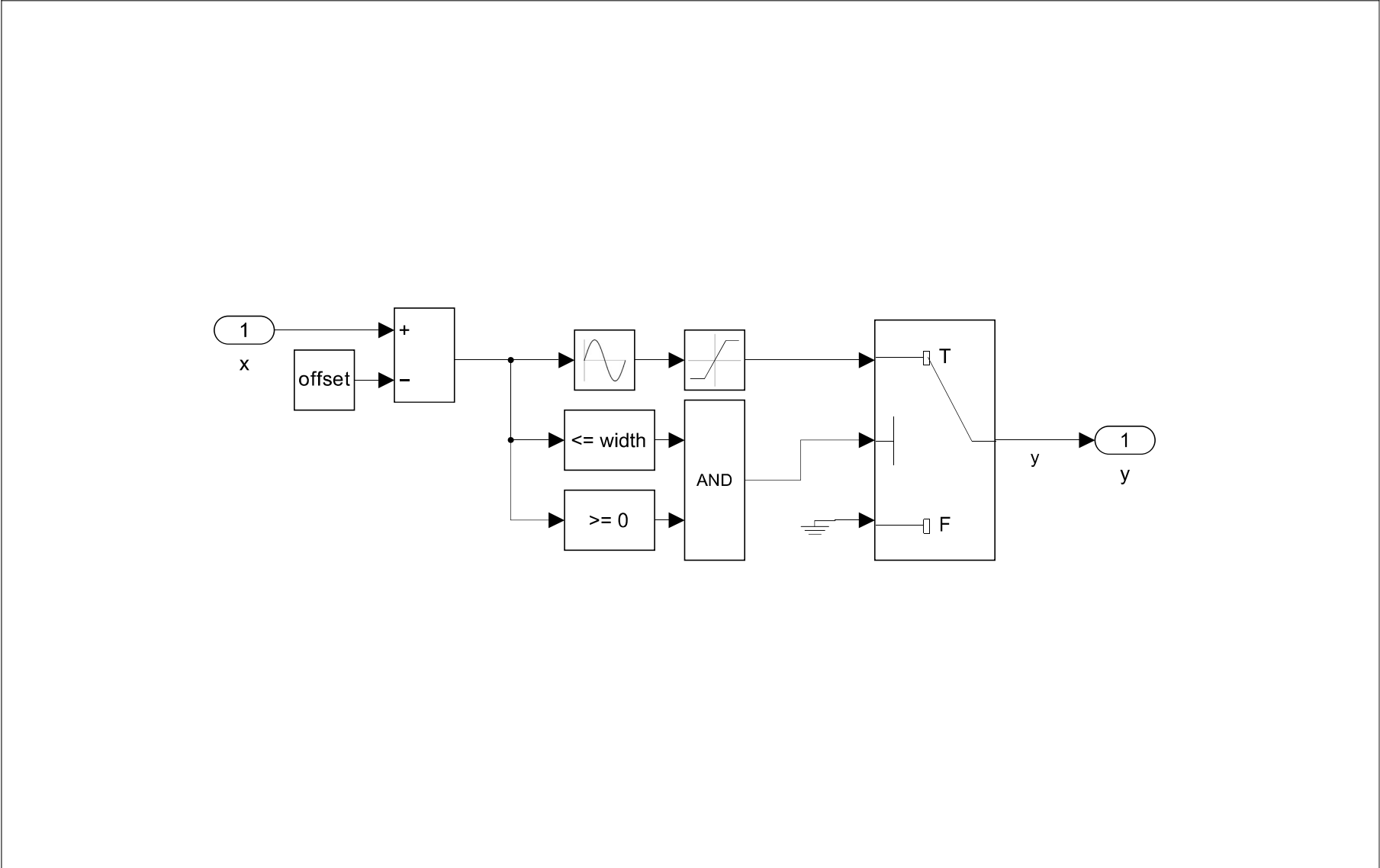


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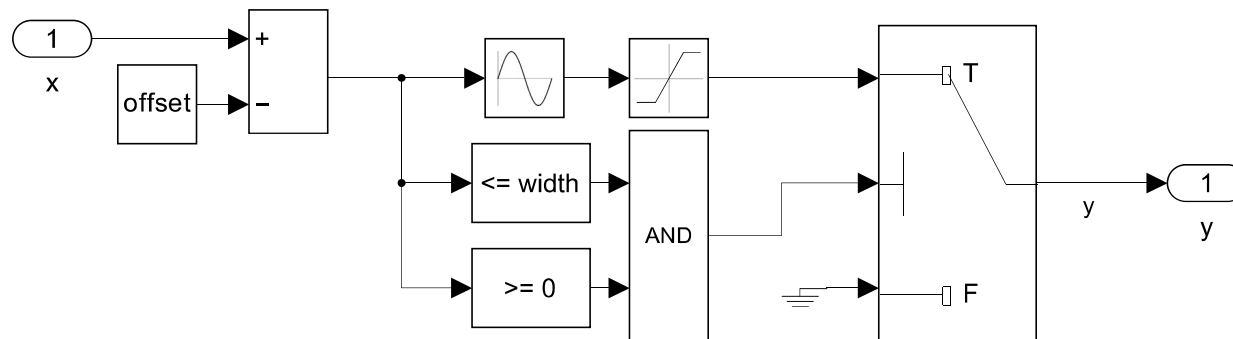


HalfCar/Watts Profile Hump/Watts Profile
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HalfCar/Watts Profile Hump/Watts Profile1



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