

MECE 3304 System Dynamics
Bond Graph Summary Table

		Bond Graphs			
		R-Element	C-Element	I-Element	Distinct Effort/Flow
Energy Domain	Translational	Effort In:	Effort In:	Effort In:	1-Junction:
			Causality:	Causality:	Distinct Velocity
		Flow In:	Flow In:	Flow In:	0-Junction:
			Causality:	Causality:	
	Rotational	Effort In:	Effort In:	Effort In:	1-Junction:
			Causality:	Causality:	Distinct Velocity
		Flow In:	Flow In:	Flow In:	0-Junction:
			Causality:	Causality:	
	Electrical	Effort In:	Effort In:	Effort In:	1-Junction:
			Causality:	Causality:	
		Flow In:	Flow In:	Flow In:	0-Junction:
			Causality:	Causality:	Distinct Voltage
Hydraulic	Effort In:	Effort In:	Effort In:	1-Junction:	
		Causality:	Causality:		
	Flow In:	Flow In:	Flow In:	0-Junction:	
		Causality:	Causality:	Distinct Pressure	
Other	Ports	1-Junction		0-Junction	
	Causal Stroke	Transformer		Gyrator	

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Bond Graph Summary Table

		Impedance Bond Graphs		
		R-Element	C-Element	I-Element
Energy Domain	Translational			
	Rotational			
	Electrical			
	Hydraulic			
Other	1-Junction		0-Junction	
	Transformer		Gyrator	

Additional Information: