

### Examples 3

Topic	Filename = Versions	PF*	Notes
<b>Power conserving transformation: alpha / beta - coordinates</b>			
Asynchronous machine	ASMaB_skalar	X	scalar Bond Graph (BG)
	ASMaB_vektoriell	-	vectorial BG
	ASMaB_zkompakt	X	compact BG without field
<b>Power conserving transformation: d / q – coordinates</b>			
Asynchronous machine	ASMdq_skalar	X	scalar BG
	ASMdq_vektoriell	-	vectorial BG
	ASMdq_zkompakt	X	compact BG without field
Double-fed asynchronous machine	DASMdq_skalar	X	scalar BG
	DASMdq_vektoriell	-	vectorial BG
	DASMdq_zkompakt	X	compact BG without field
Permanently excited synchronous machine	SMdq1_skalar	X	scalar BG
	SMdq1_vektoriell	-	vectorial BG without field
Separately excited synchronous machine without and with number of turns	SMdq2_skalar	X	scalar BG
	SMdq2_vektoriell	-	vectorial BG without field
<b>Classical Clarke Transformation: alpha / beta – coordinates</b>			
Asynchronous machine	ASMaB_skalar_CT	X	scalar BG - version 1
	ASMaB_skalar_CT2	-	scalar BG - version 2
	ASMaB_vektoriell_CT	-	vectorial BG – version 1
	ASMaB_vektoriell_CT2	-	vectorial BG - version 2

PF\*: Automatically loadable parameter file available and useable for additional files of same topic. Pre-condition for use: the corresponding directory was included in search path or is identical to the current directory.

Pd\*\*: Parameter directly inserted in block masks

Topic	Filename = Versions	PF*	Notes
<b>Classical Park Transformation: d / q - coordinates</b>			
Asynchronous machine	ASMdq_skalar_PT	X	scalar BG - version 1
	ASMdq_skalar_PT2	-	scalar BG - version 2
	ASMdq_vektoriell_PT	-	vectorial BG – version 1
	ASMdq_vektoriell_PT2	-	vectorial BG - version 2
Double-fed asynchronous machine	DASMdq_skalar_PT	X	scalar BG - version 1
	DASMdq_skalar_PT2	-	scalar BG - version 2
	DASMdq_vektoriell_PT	-	vectorial BG – version 1
	DASMdq_vektoriell_PT2	-	vectorial BG - version 2
Permanently excited synchronous machine	SMdq1_skalar_PT	X	scalar BG - version 1
	SMdq1_skalar_PT2	-	scalar BG - version 2
	SMdq1_vektoriell_PT	-	vectorial BG – version 1
	SMdq1_vektoriell_PT2	-	vectorial BG – version 2
<b>Power conserving transformation: d / q – coordinates</b>			
Separately excited synchronous machine without and with number of turns	SMdq2_skalar_6MiV	X	scalar BG – block diagrams in parallel

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Pd\*\*: Parameter directly inserted in block masks