## Systemnahe Informatik Übungsgruppe Xeon Phi

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## ARMv8 Address Space

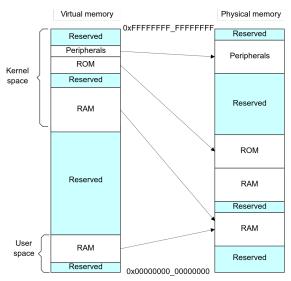


Figure: ARM Cortex-A Series Programmer's Guide for ARMv8-A

## ARMv8 Descriptor Formats

	63					0
Table descriptor (levels 0, 1, and 2)	Attributes		Next level table address			11
Block entry (levels 1 and 2)	Upper attributes		Output block address	Lower attribute		01
Table entry (levels 1 and 2)	Upper attribute	s	Output block address		Lower attributes	11
		•	•			
Invalid entry (all levels)			Ignored			X0

Figure: ARM Cortex-A Series Programmer's Guide for ARMv8-A

## ARMv8 Table Walk

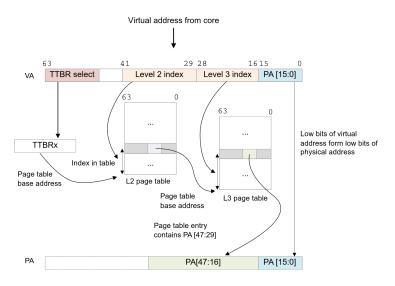


Figure: ARM Cortex-A Series Programmer's Guide for ARMv8-A