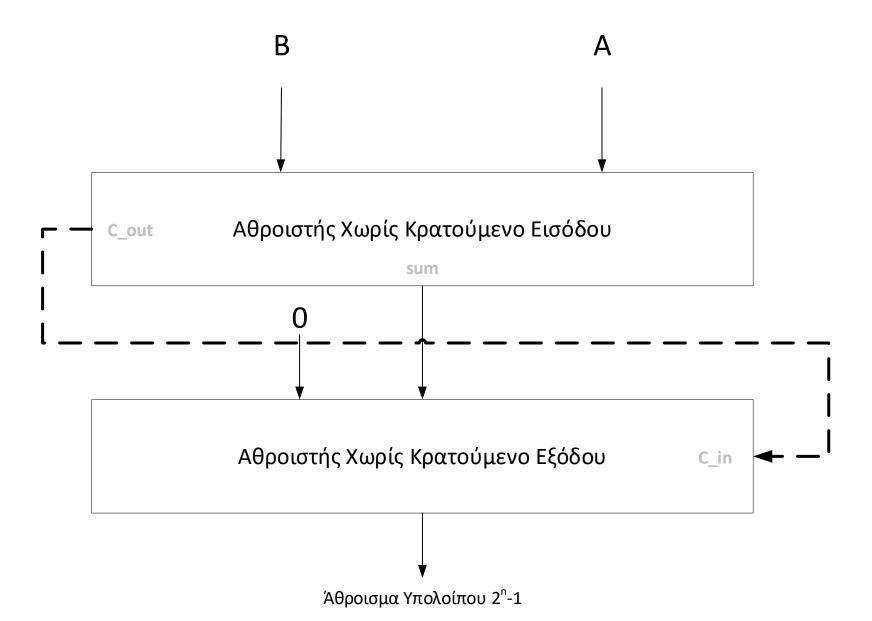
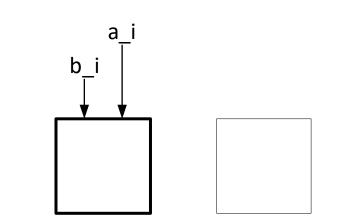
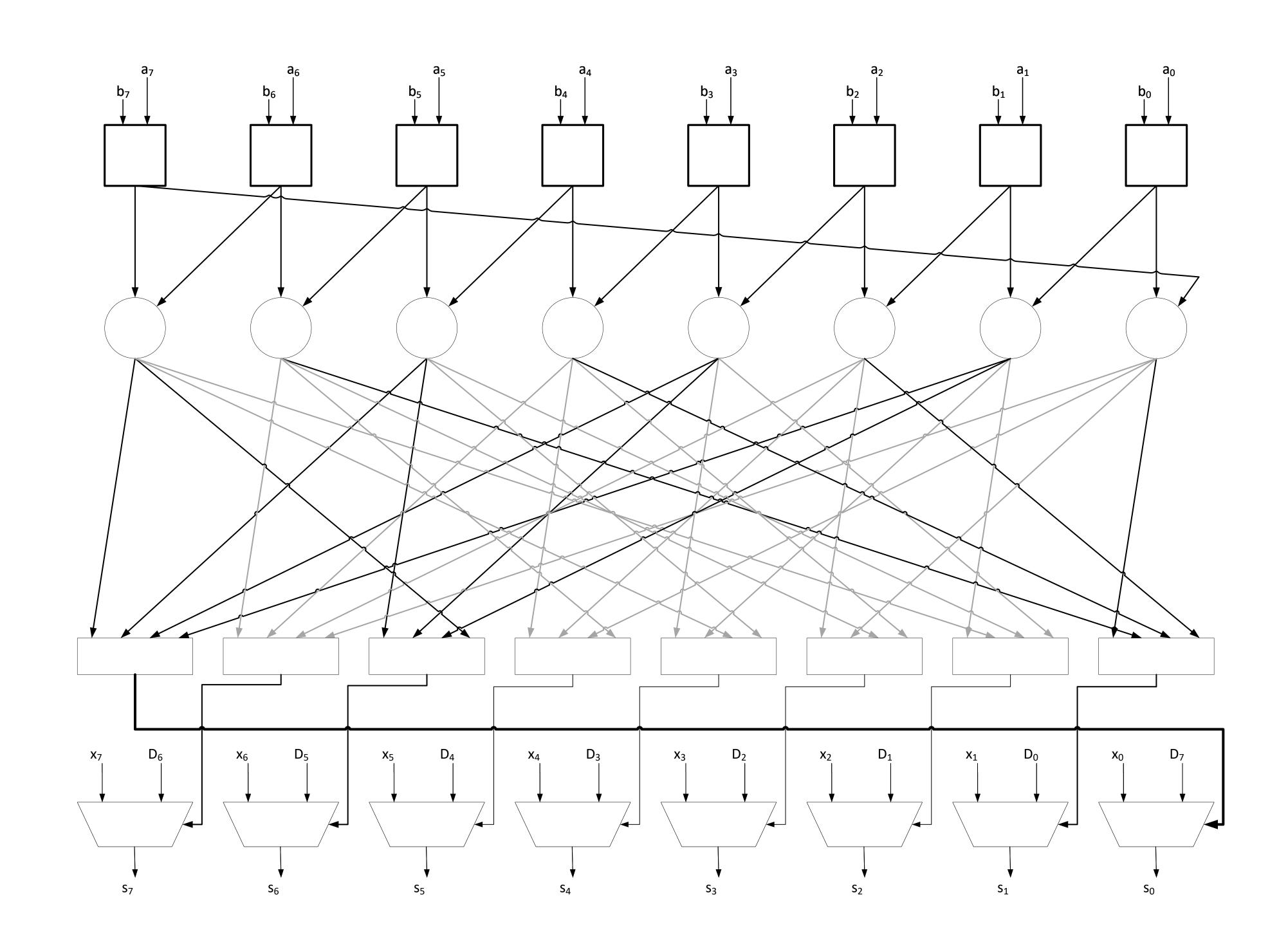
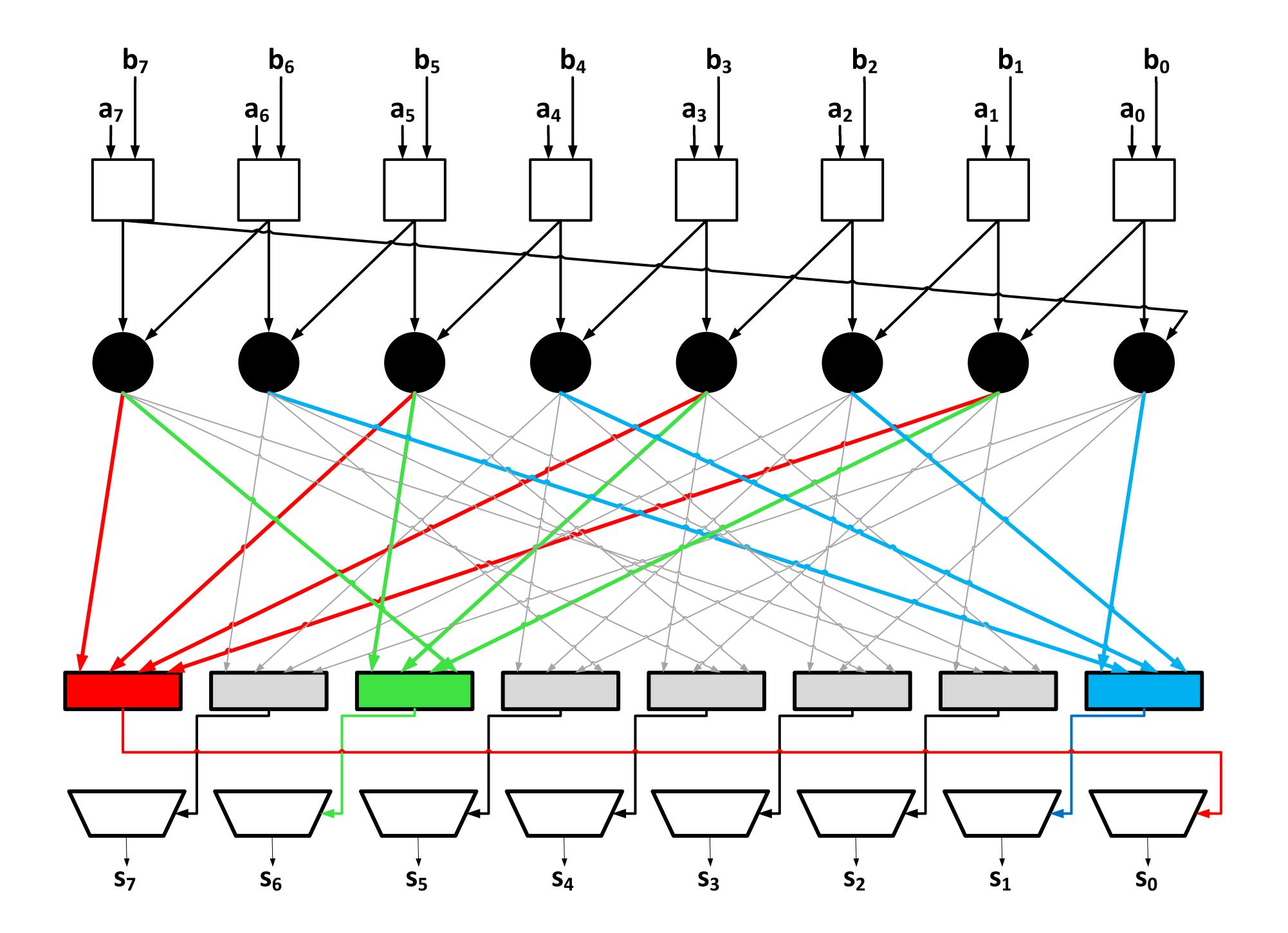
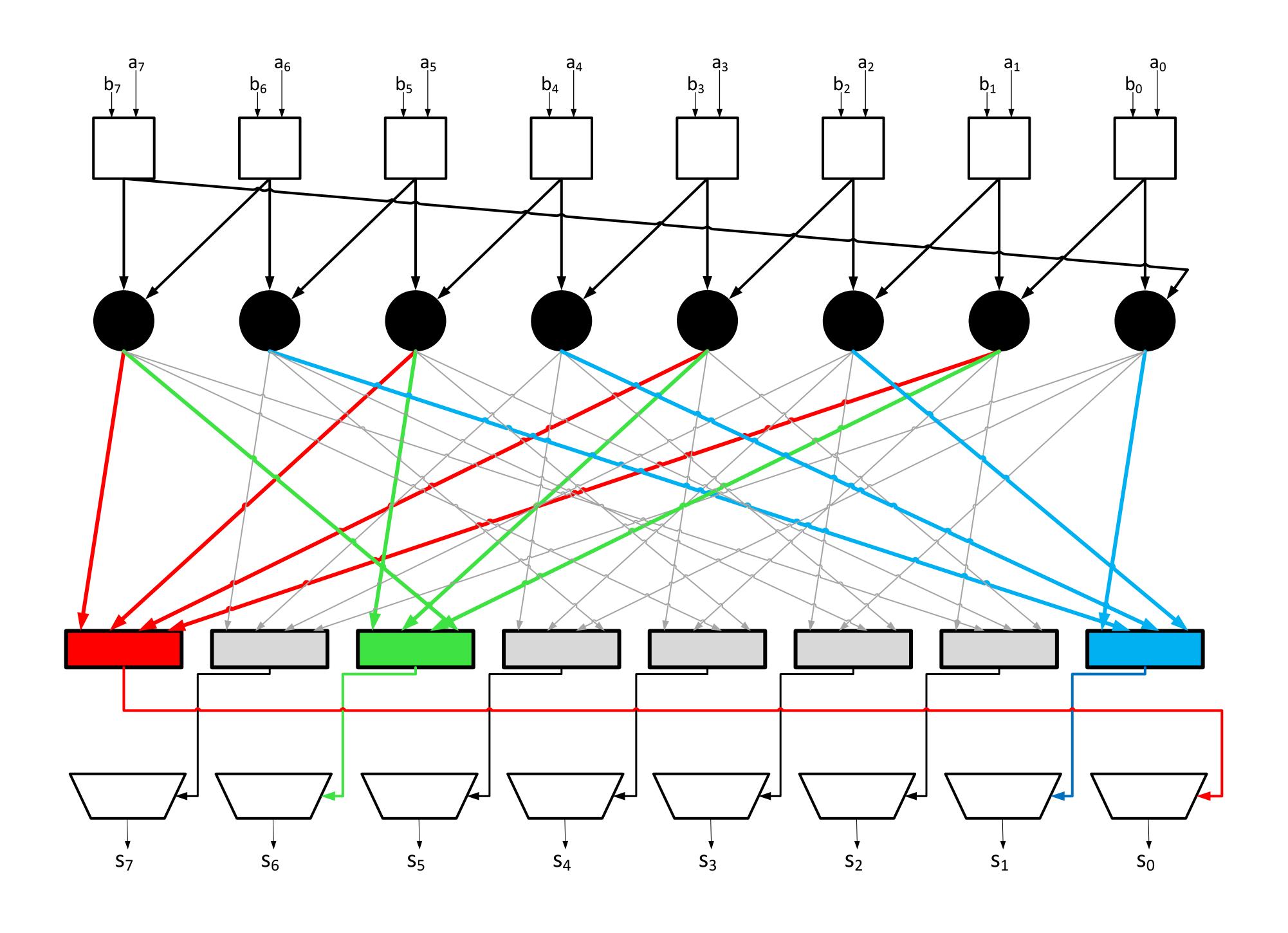
Roun-Carry 2^n-1 Adder	test-bench
J8_Adder	Simple_2^n-1
R_function	Carry_select_2^n-1
Serial-Prefix	Brent_Kung_arch
Sklansky	CLA_Architecture
Ling-Sum	Kogge-Stone
2^n-1_2x2x2_8bit	Prefix_with_carry_in
2^n-1_Parallel-prefix_adder_structure	
Simple_binary_adder	

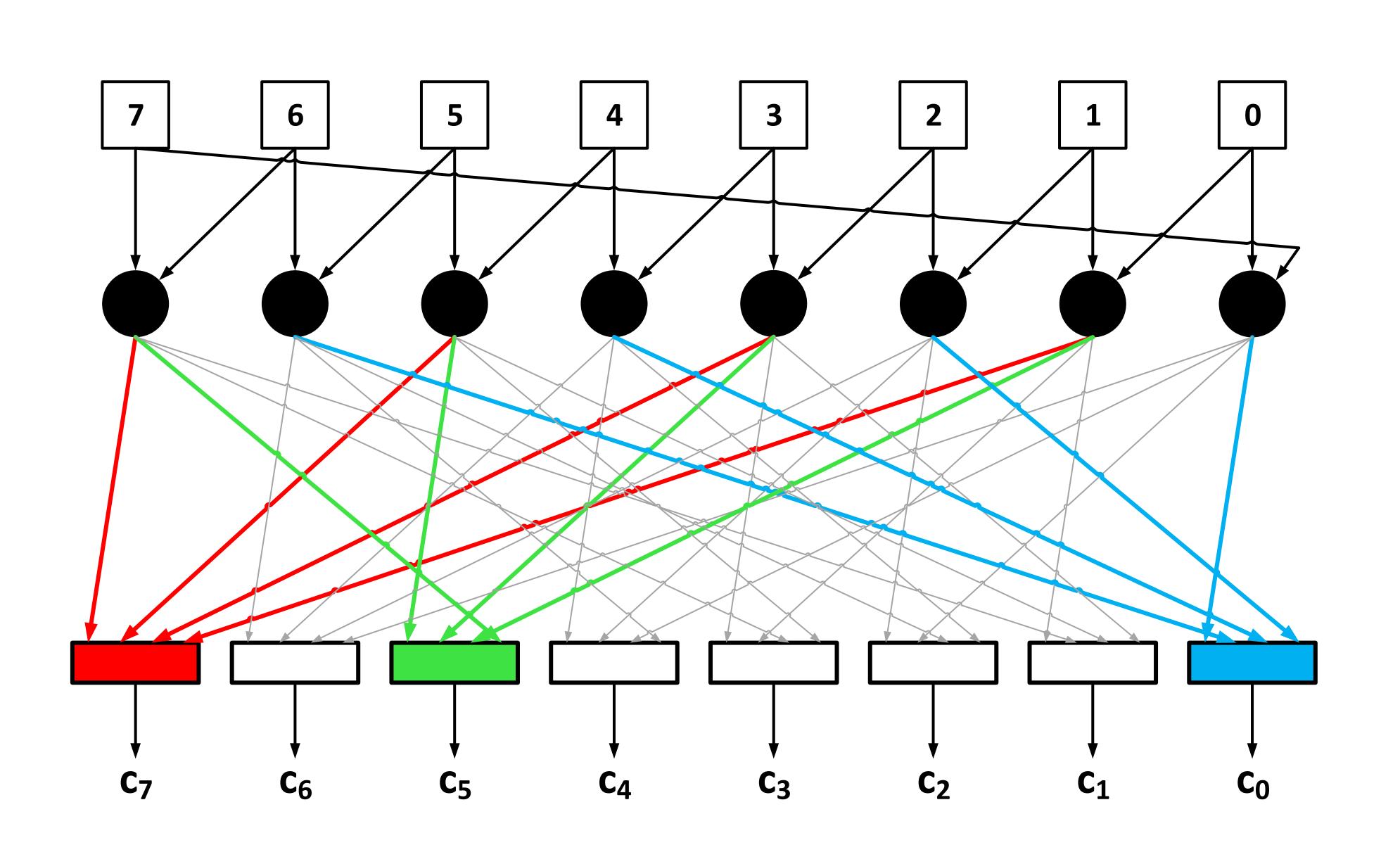




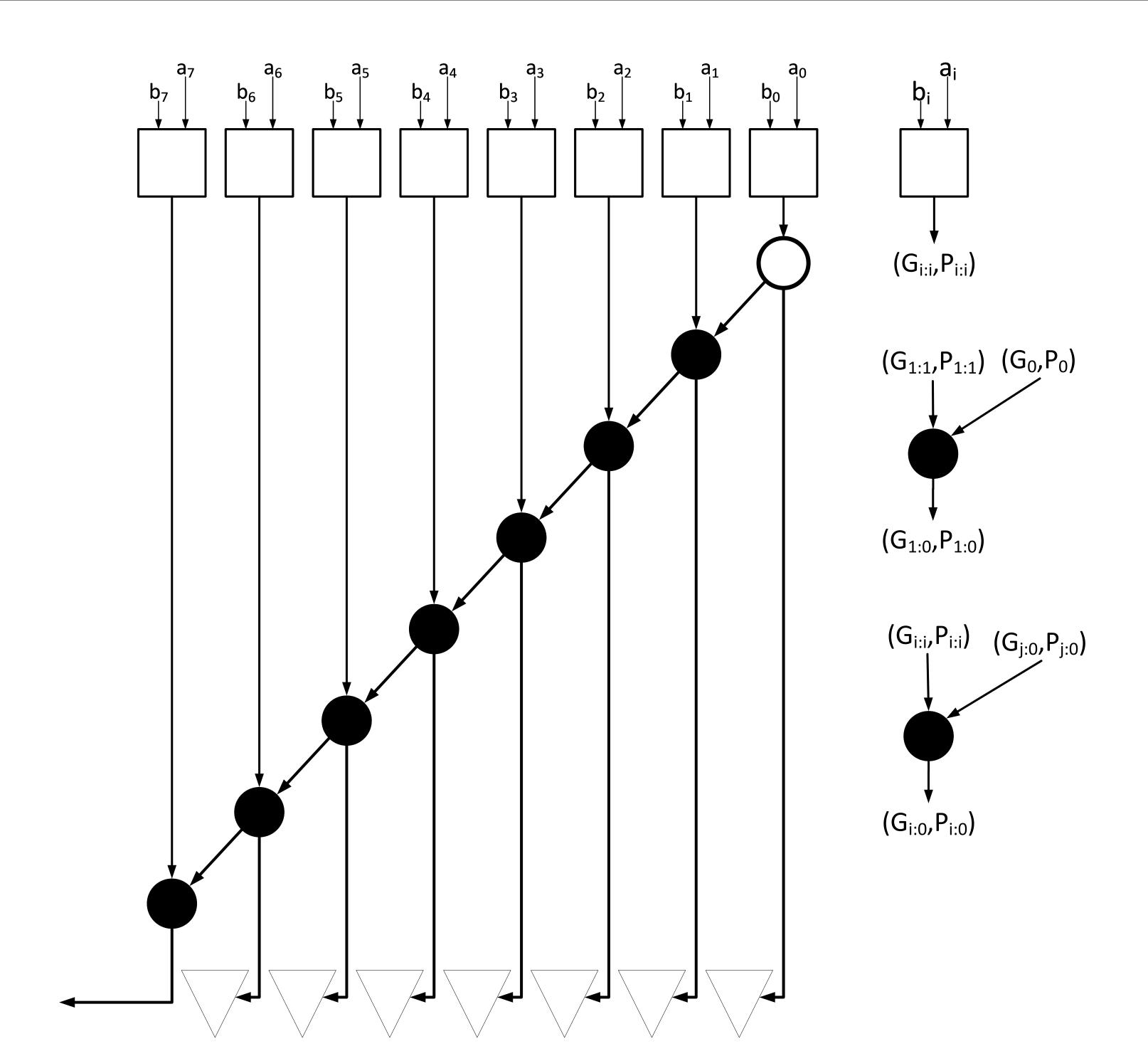


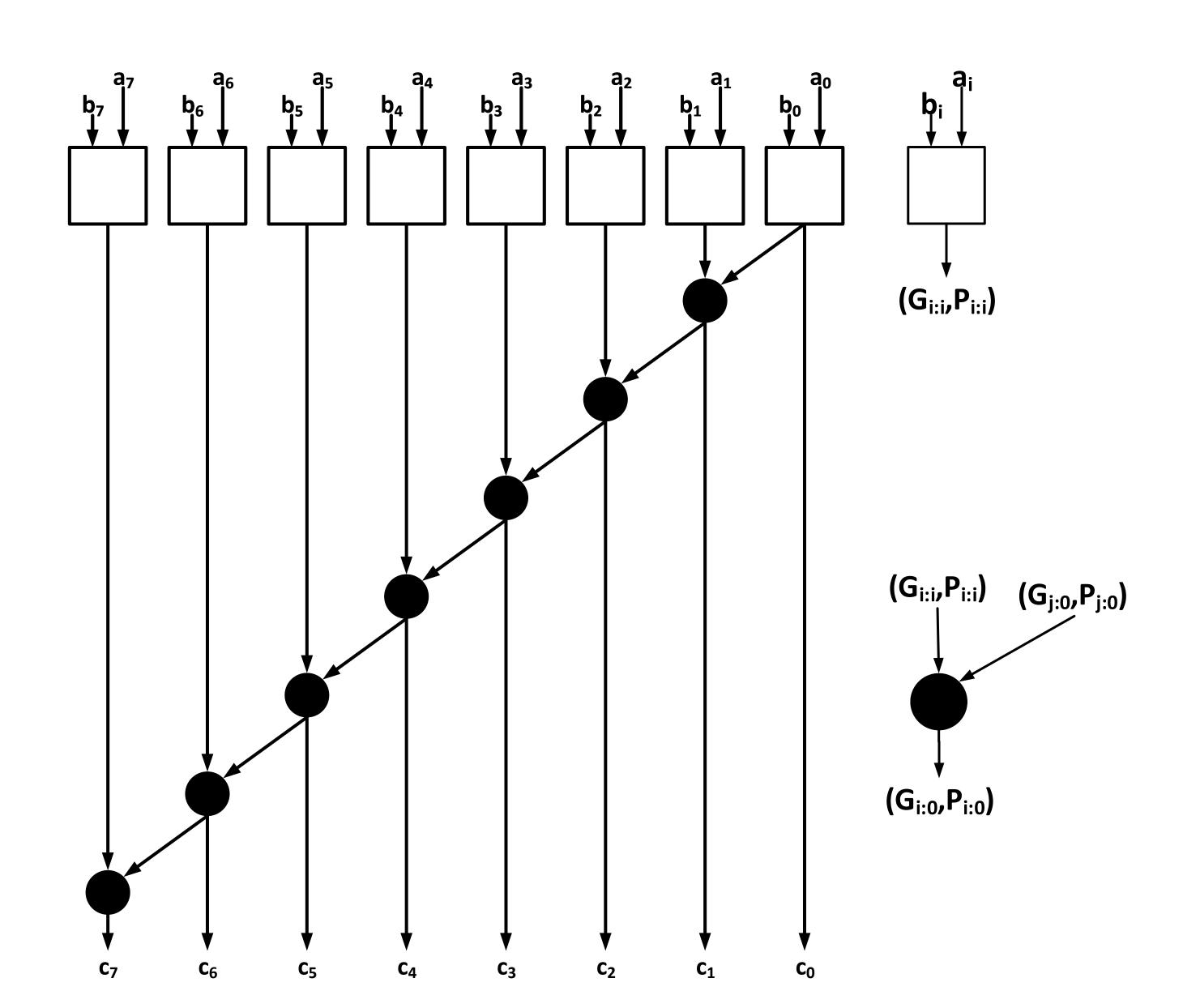


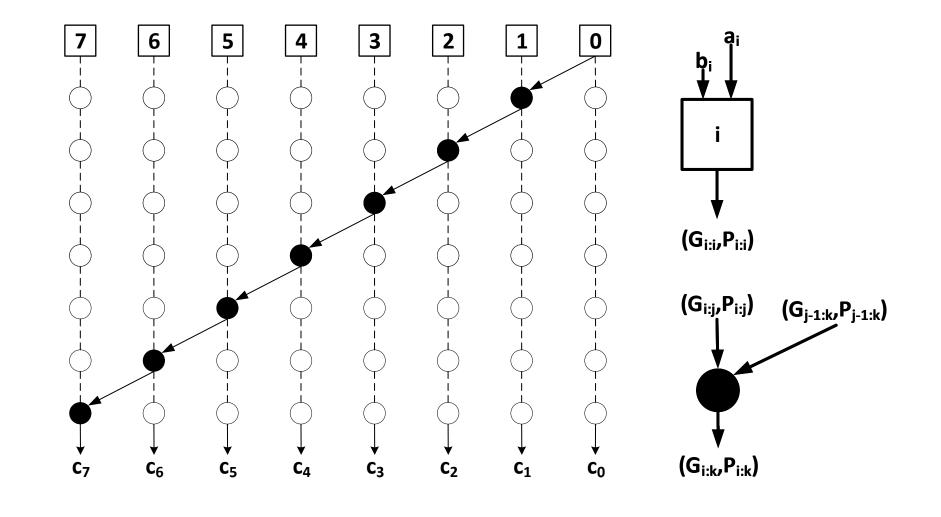


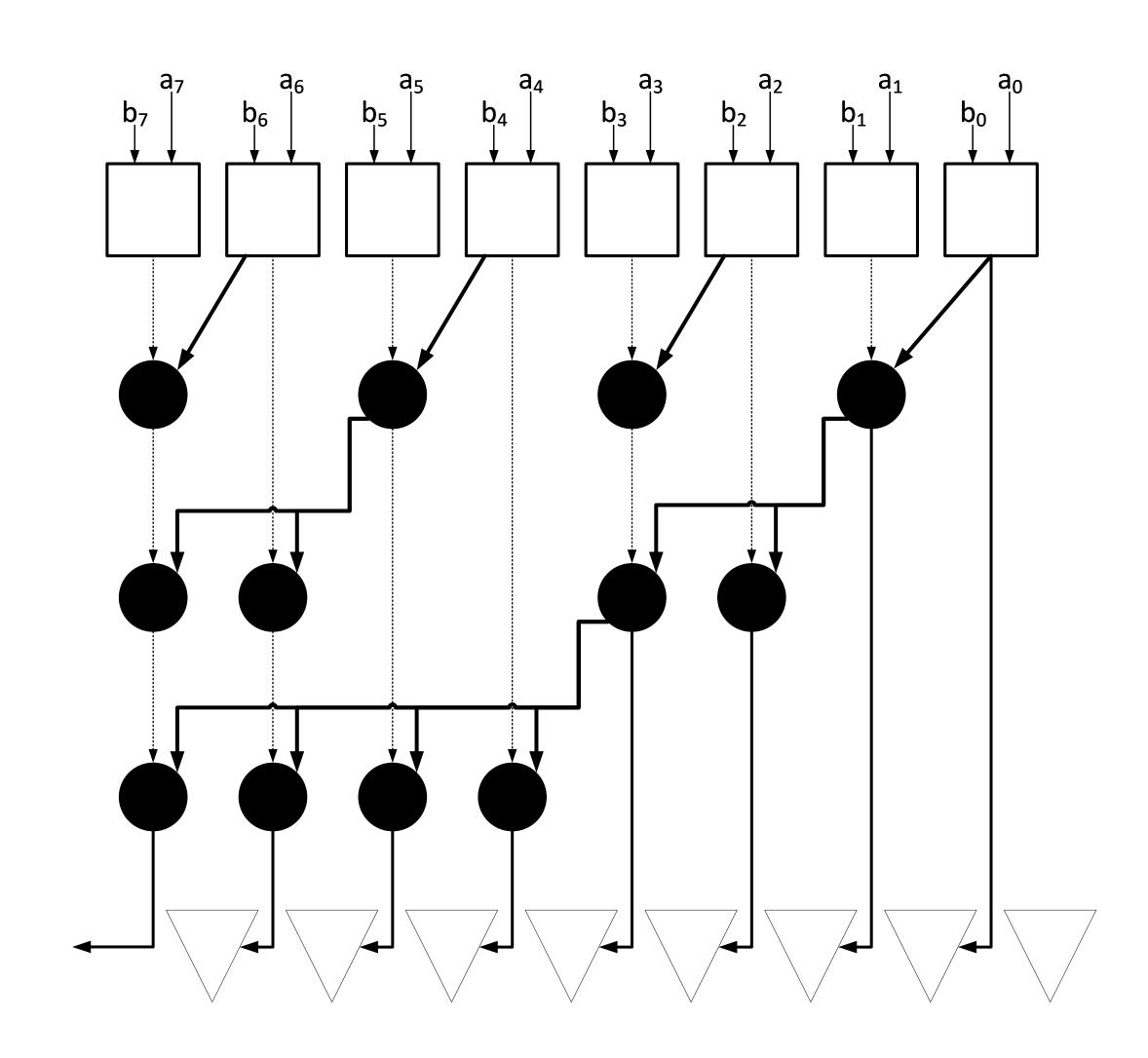


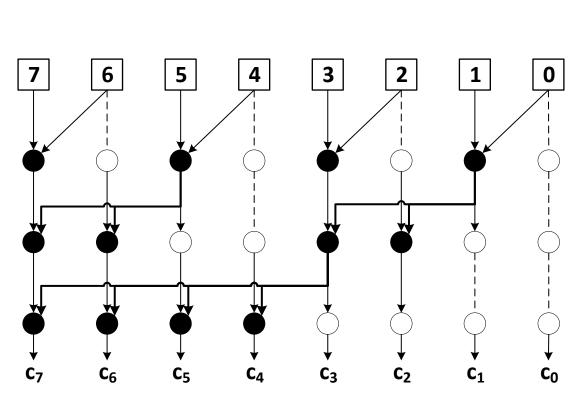
i:k	K-1:j	
Τουλάχιστον ένα Bit Από την Ομάδα Παράγει κρατούμενο	Η ομάδα Παράγει Κρατούμενο	R

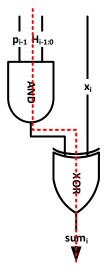


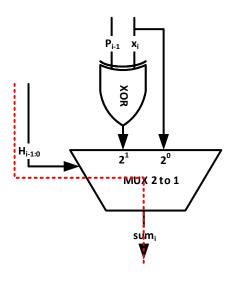


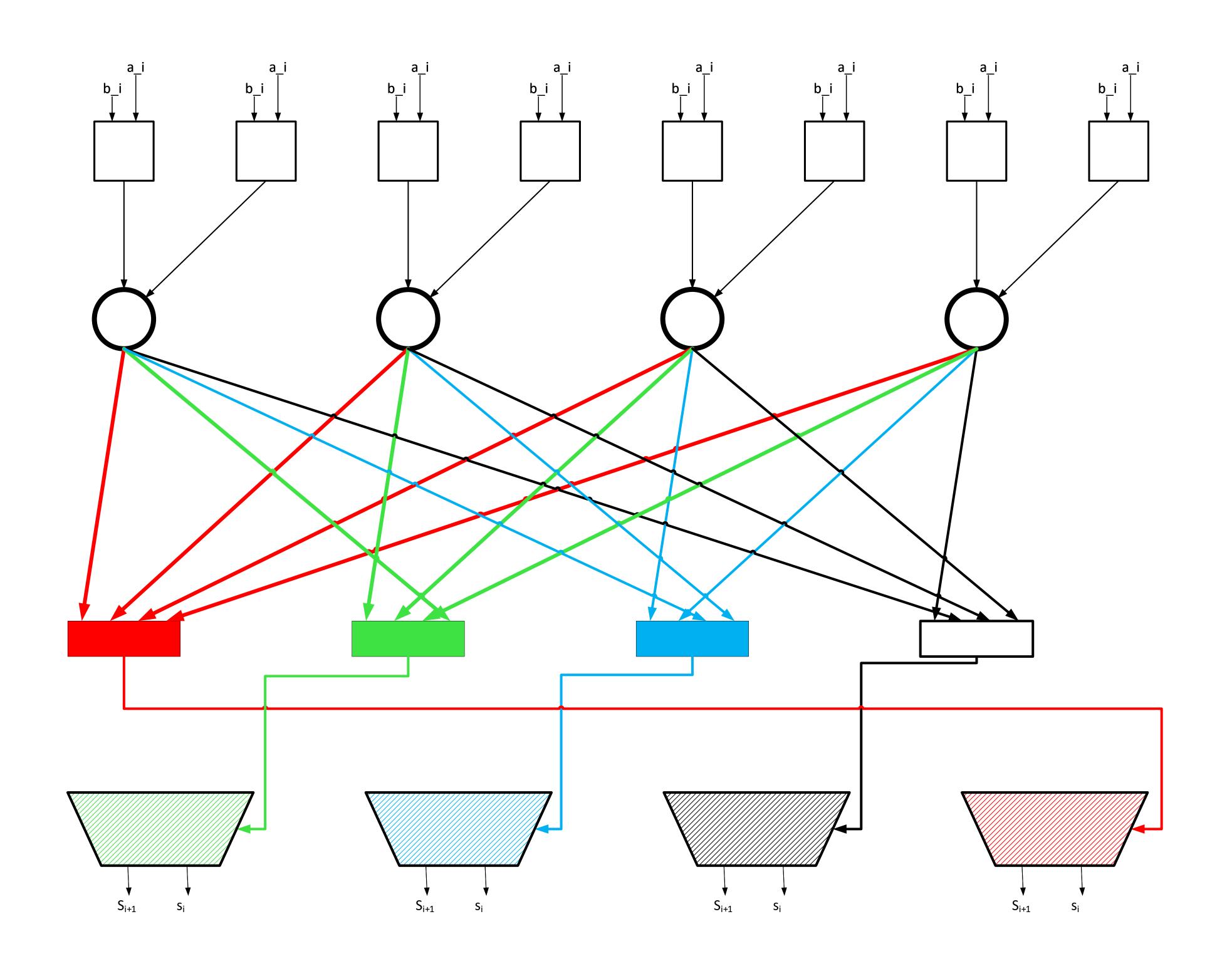


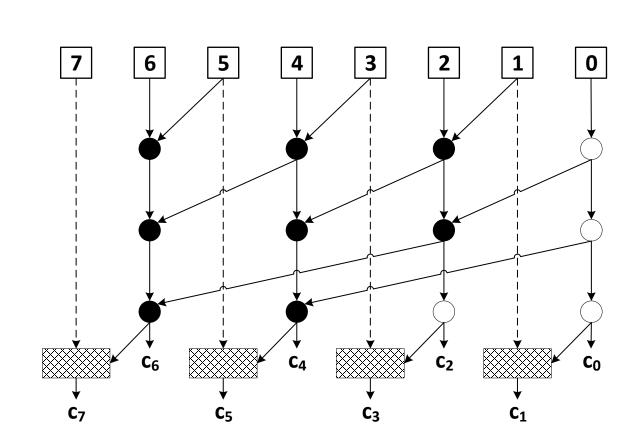


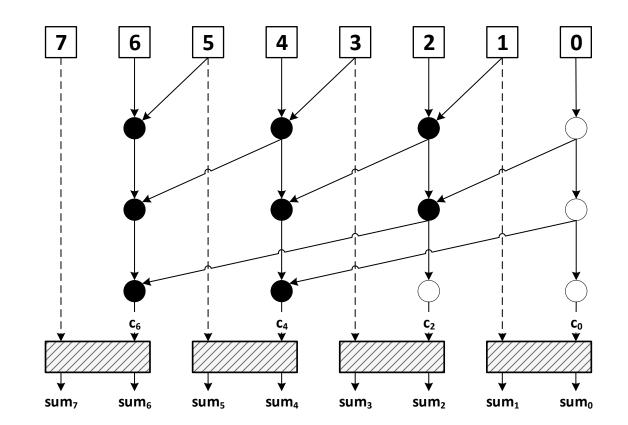


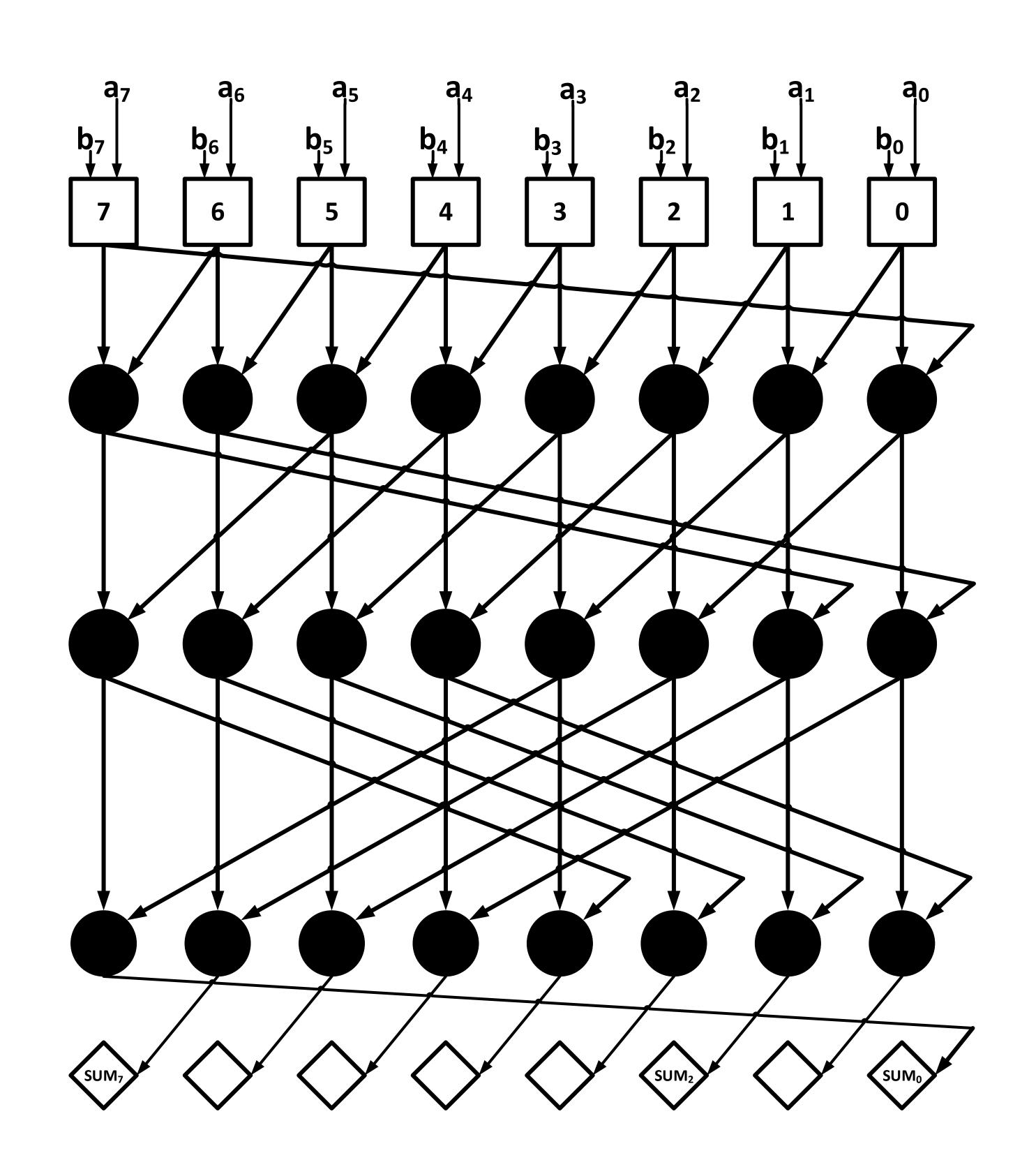


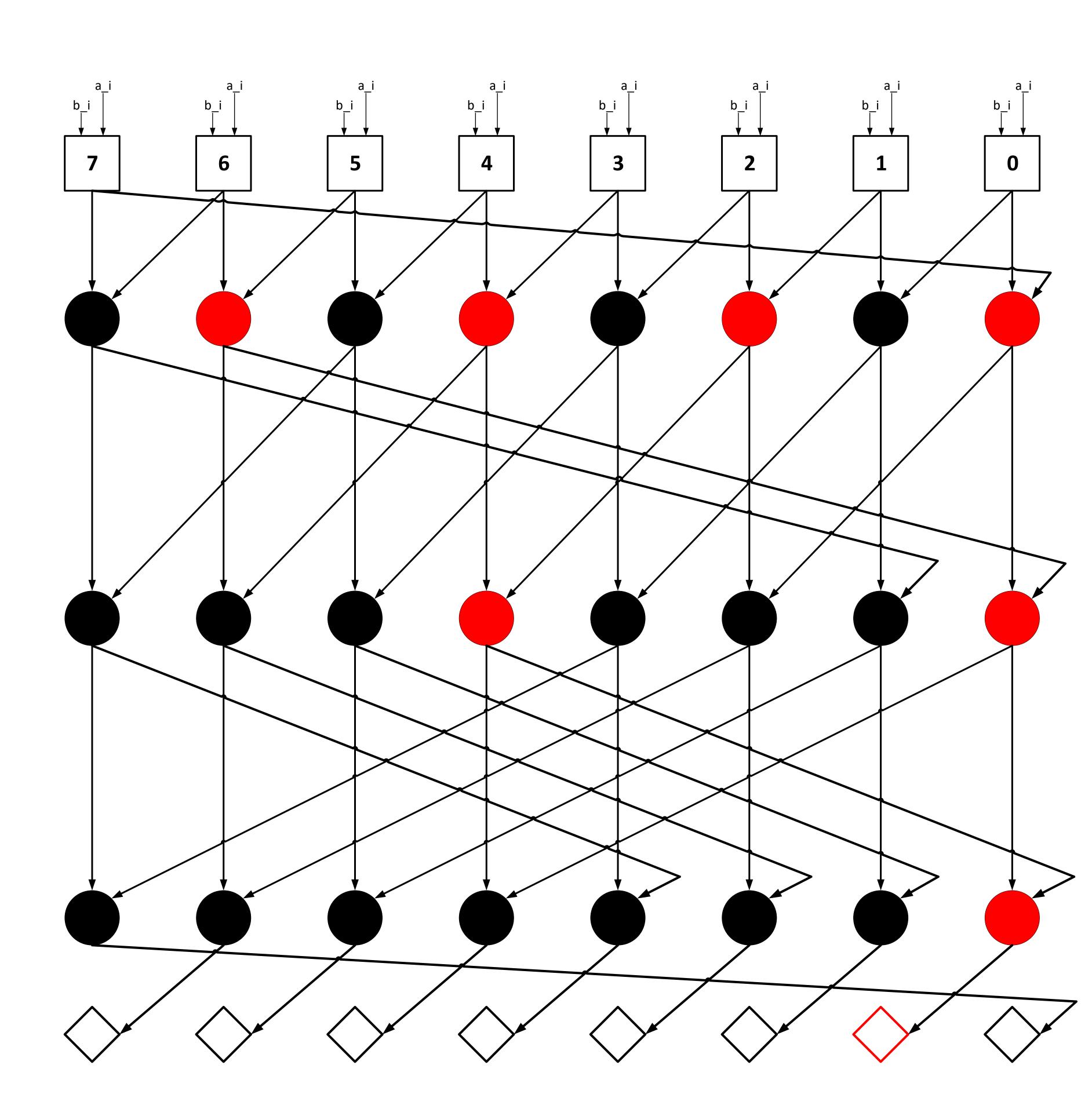


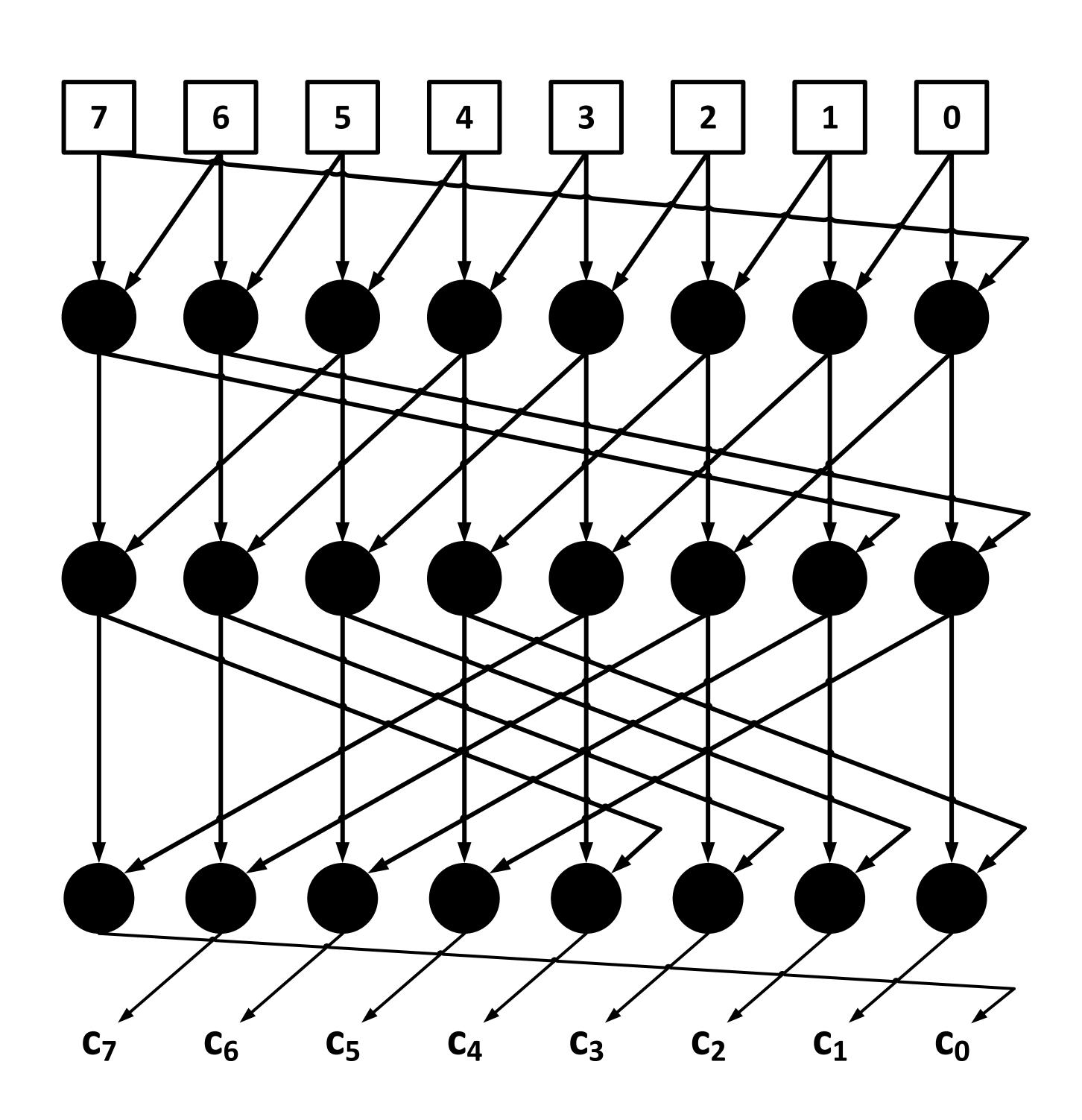


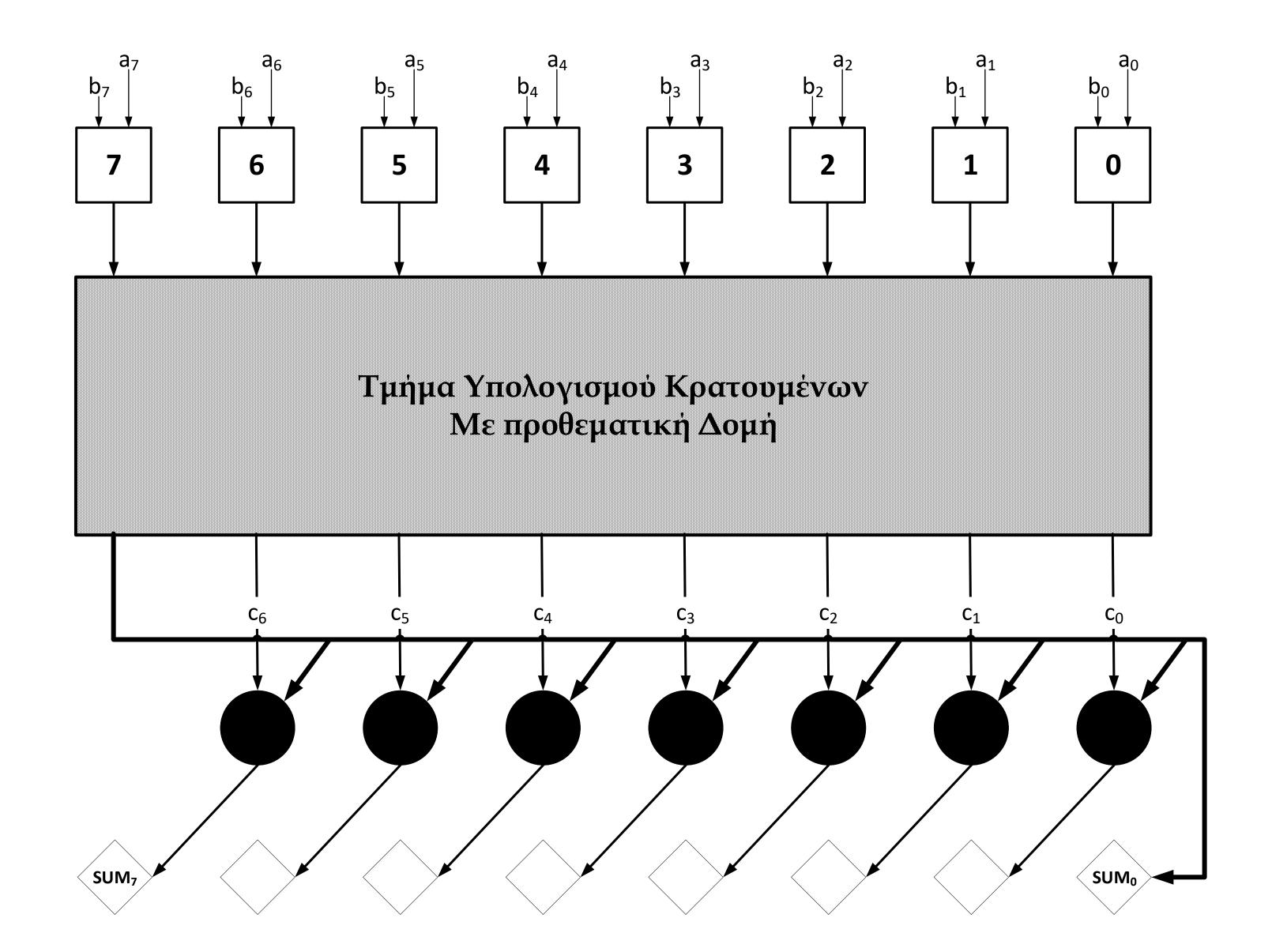


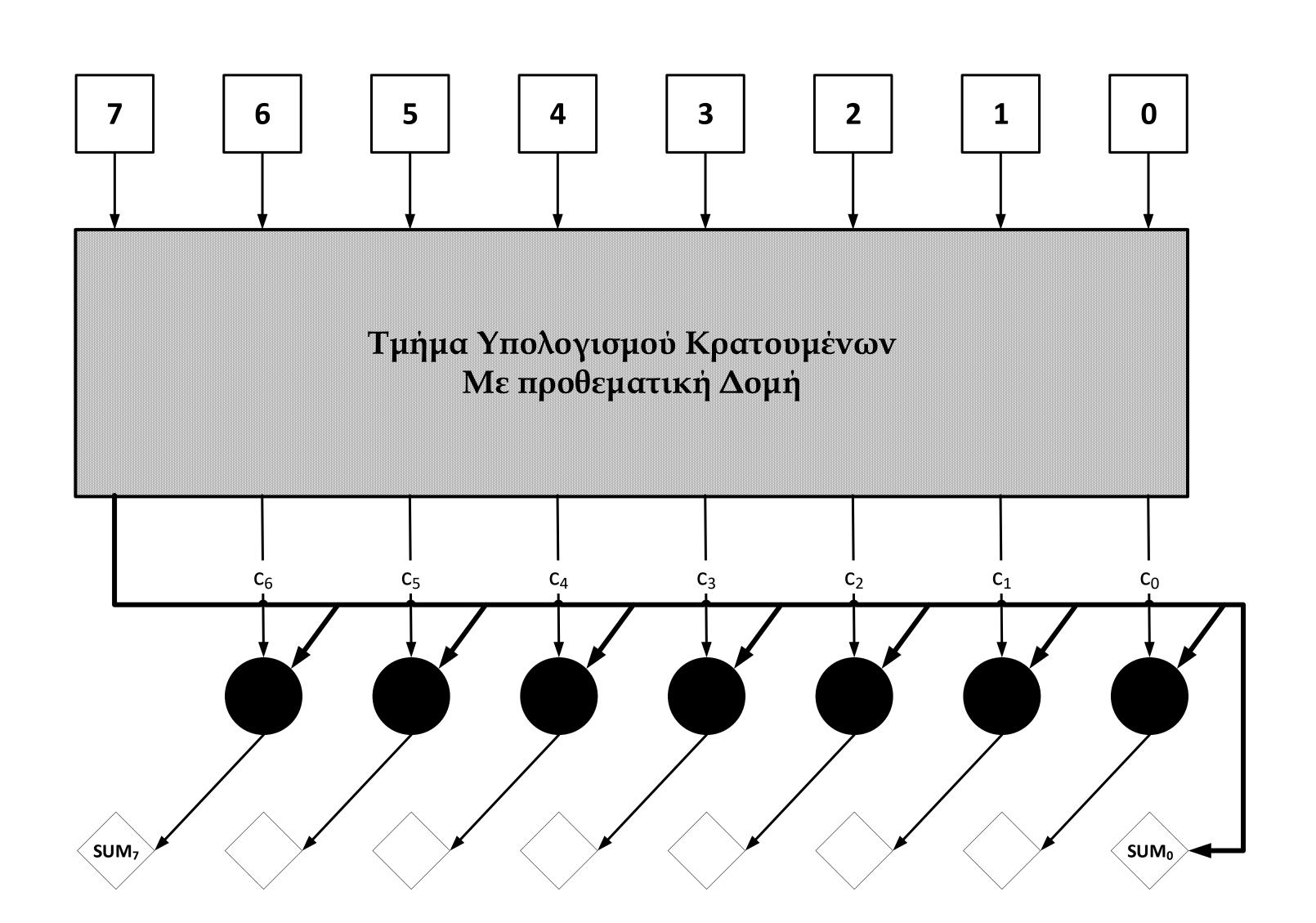


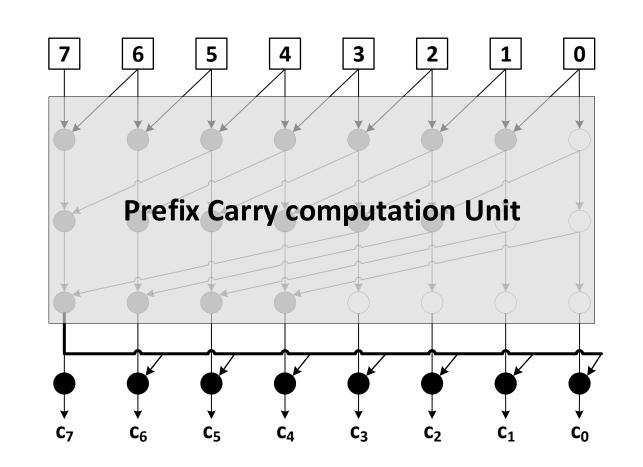


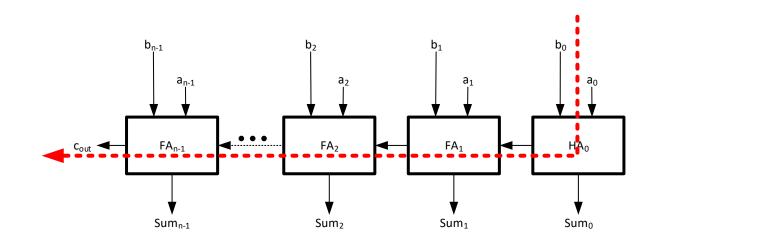


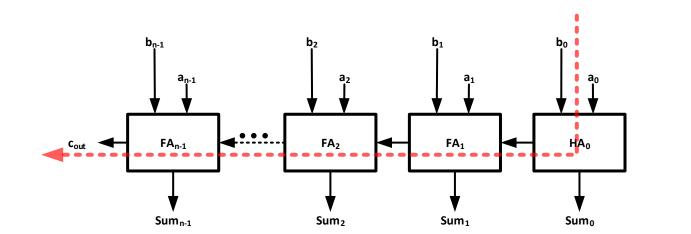


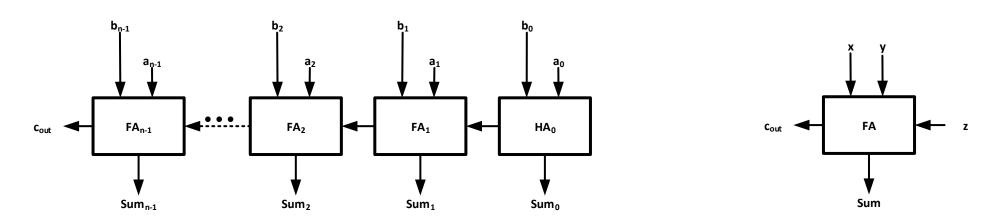


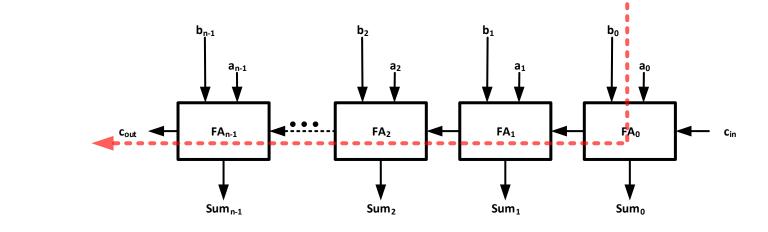


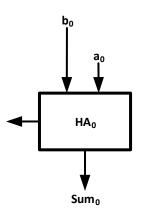


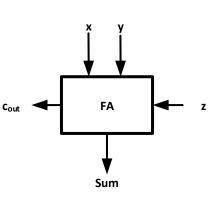


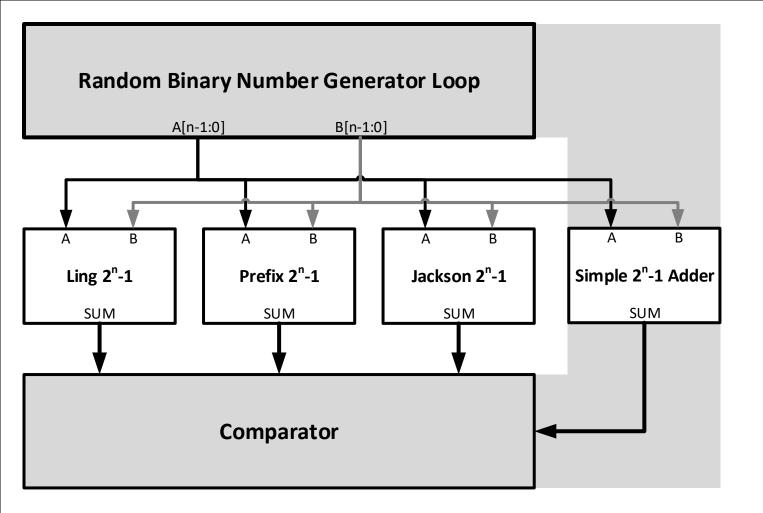


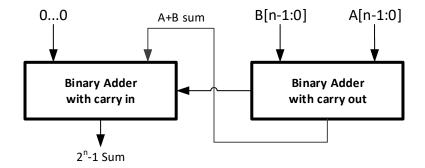




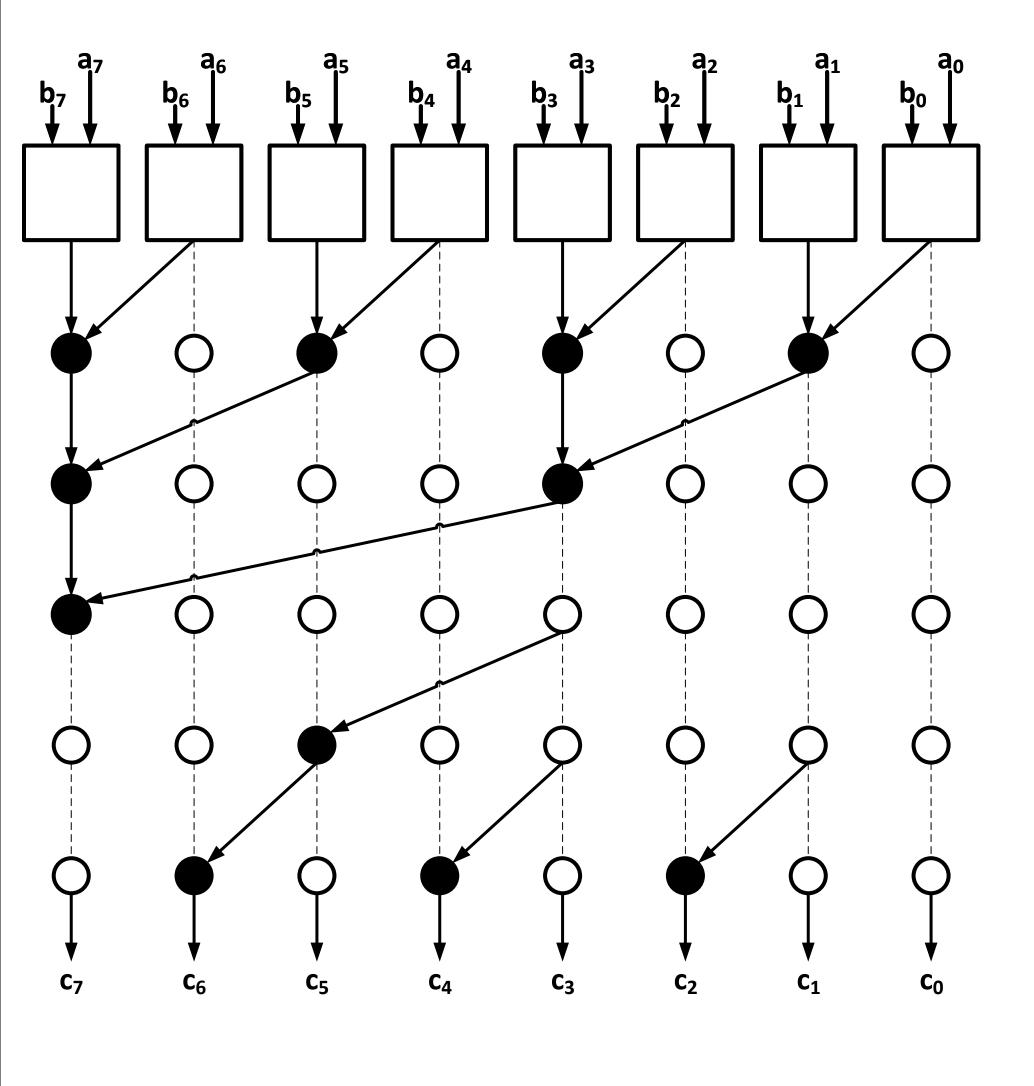


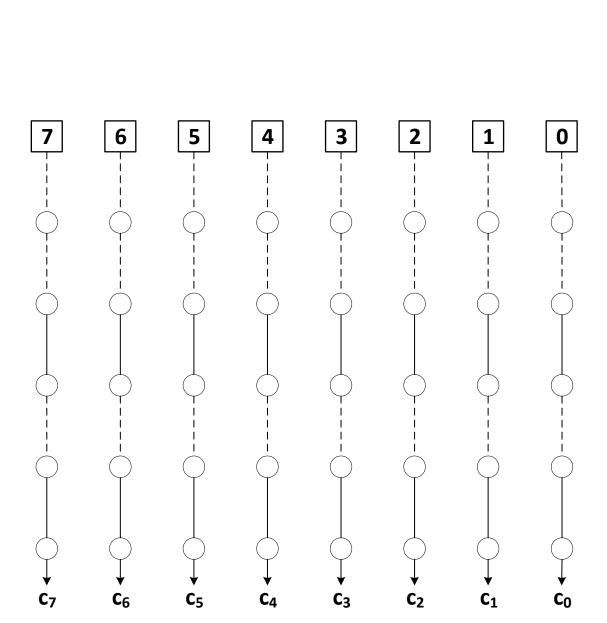


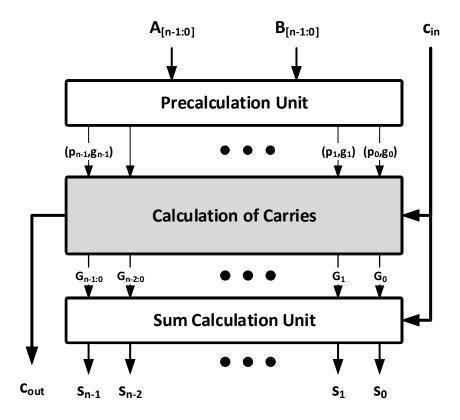




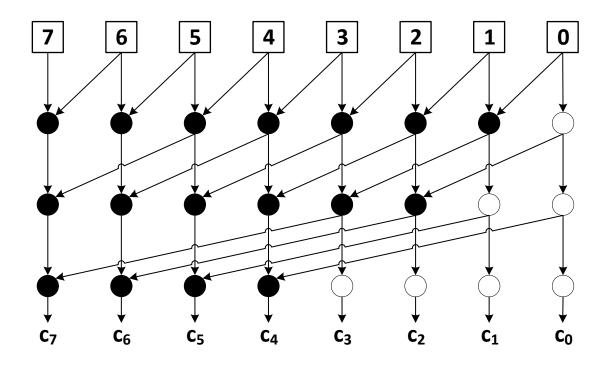
A[n-1:0]	B[n-1:0]		A[n-1:0]	B[n-1:0]	•
<b>↓</b>	<b>↓</b>		<b>+</b>	<b>\</b>	_
Binary Adder	with c <sub>in</sub> = 1	┚┨	<del>-</del>	er with c <sub>in</sub> = 0 d c <sub>out</sub>	]
					_
	21	MUX	2 <sup>0</sup> select		
		$\downarrow$			

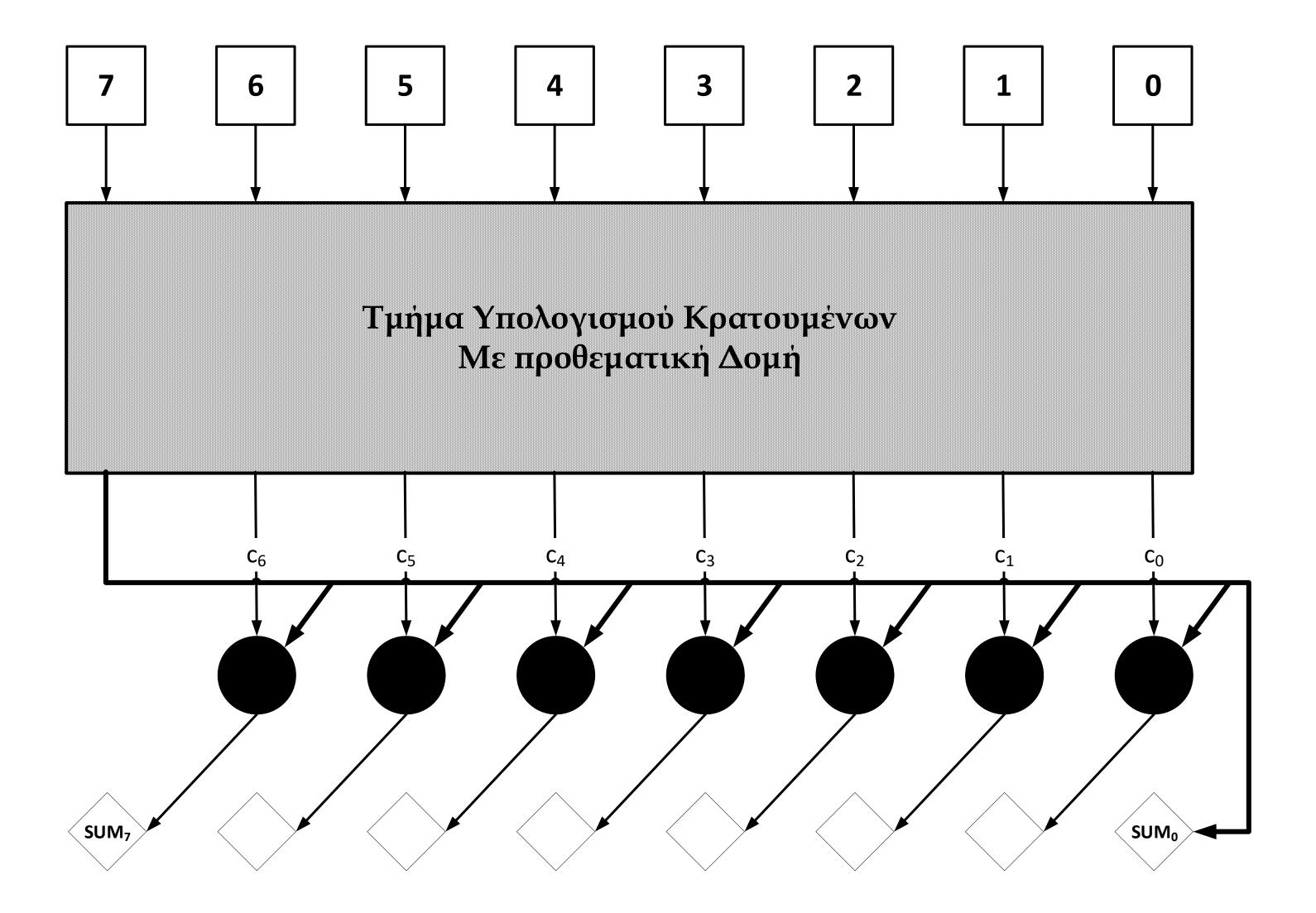


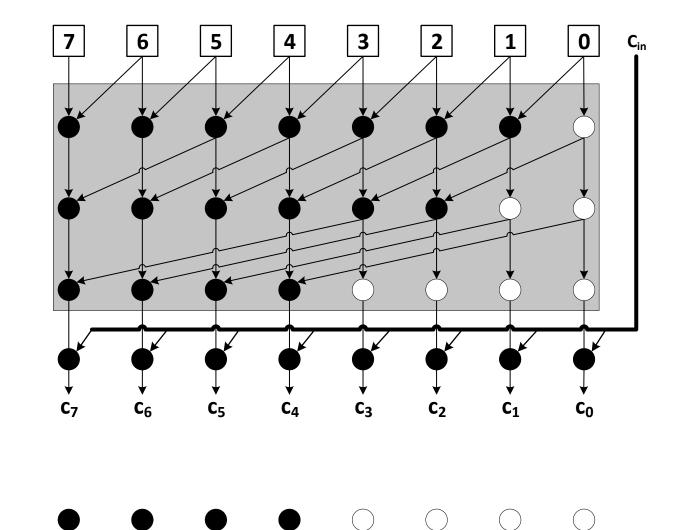


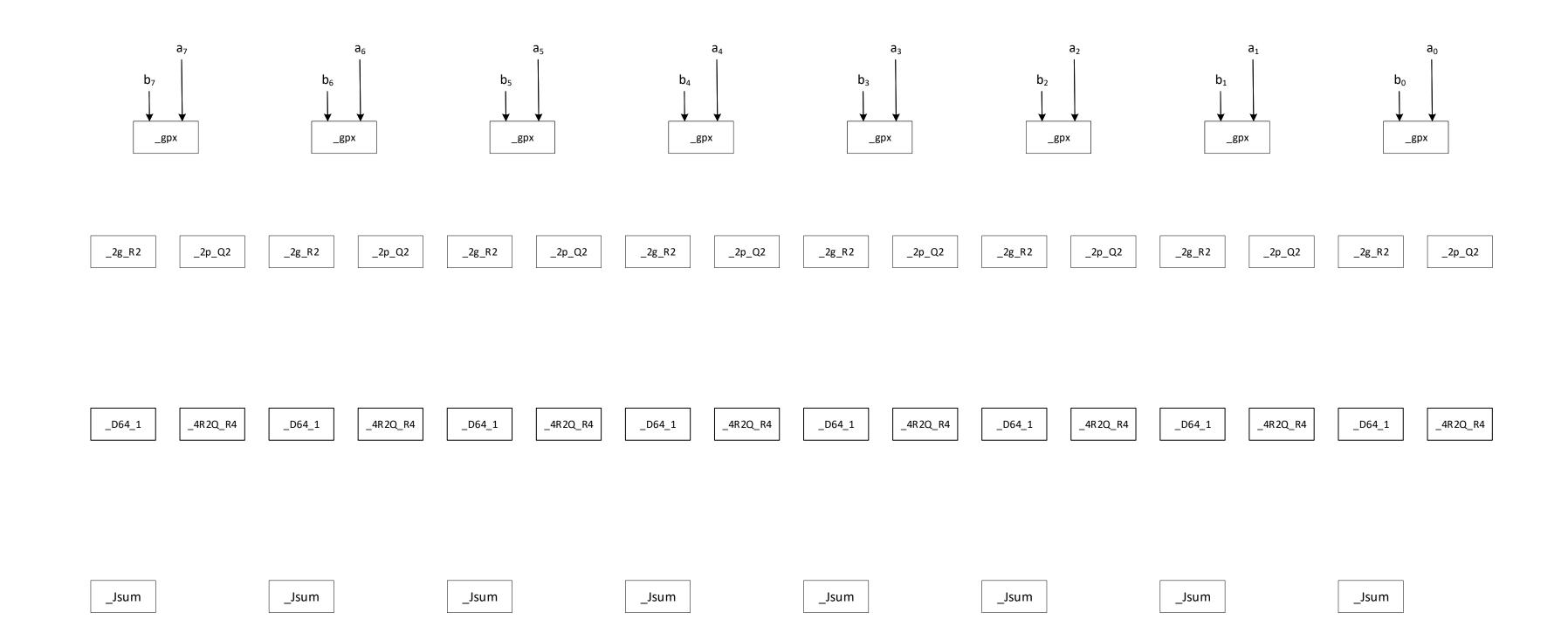


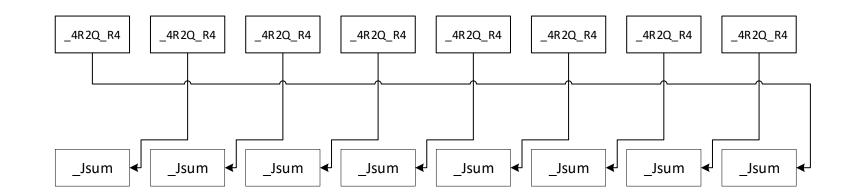
## <u>Kogge – Stone Parallel Prefix Carry computation Tree</u>

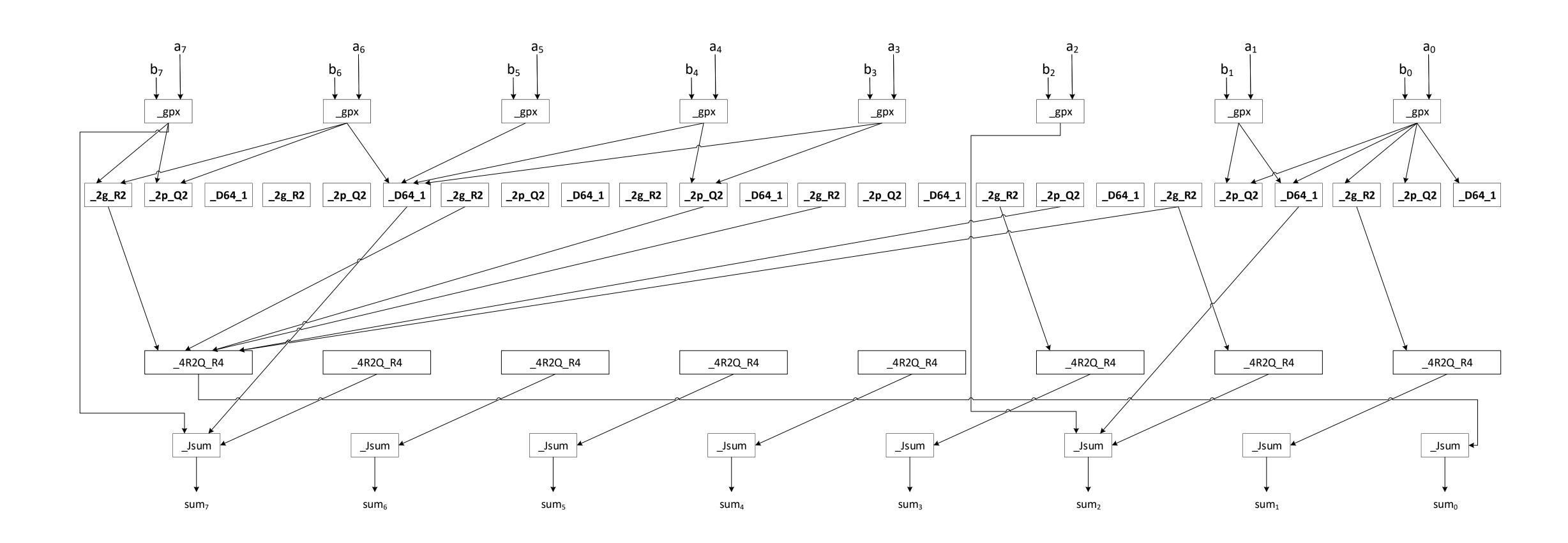












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