Second Layer Skew Diagonals in Triangle A317498
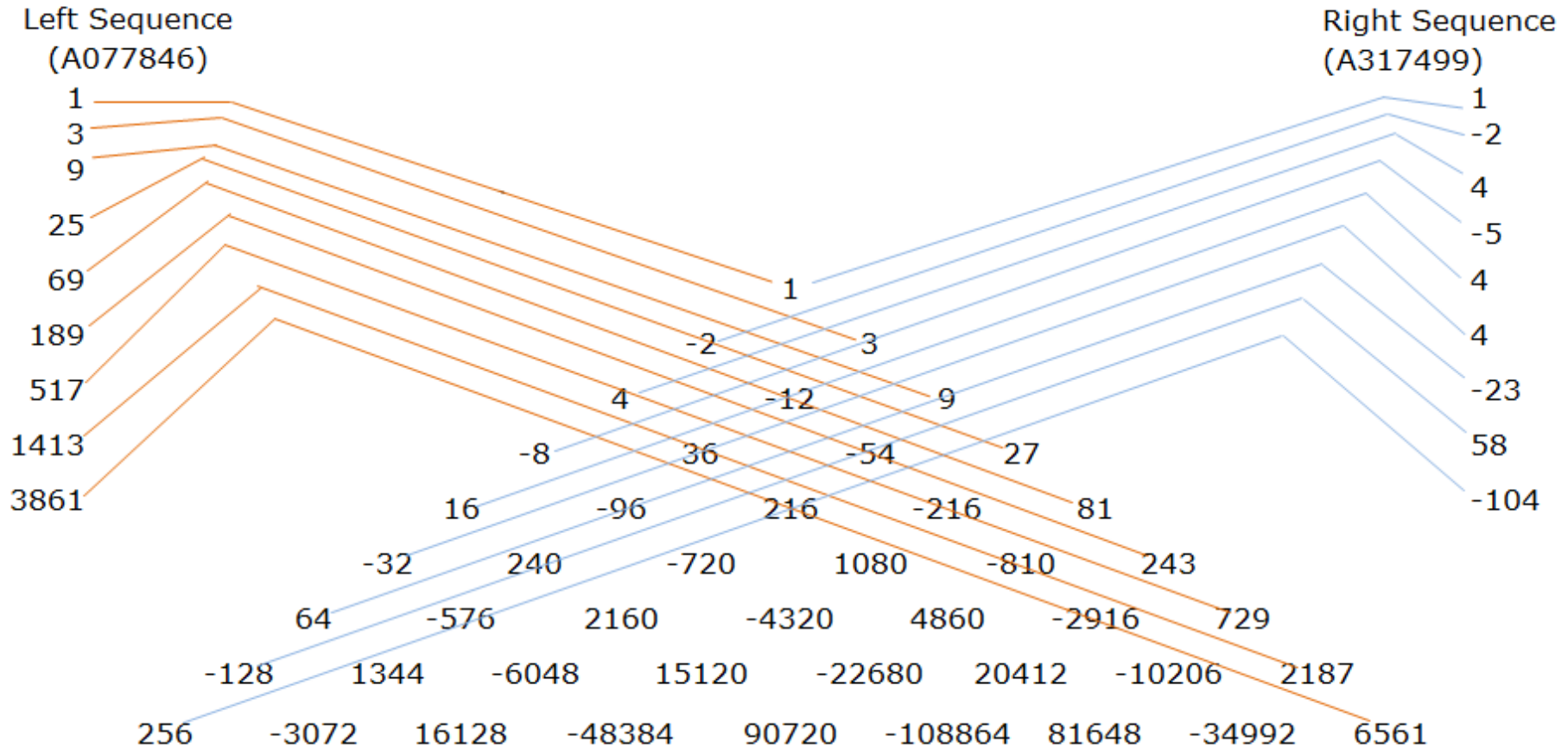
Center-justified Triangle of Coefficients in Expansion of $(-2 + 3x)^n$

Left Sequence
(A077846)

Right Sequence
(A317499)

1														1
3														-2
9														4
25														-5
69						1								4
189					-2		3							4
517				4		-12		9						-23
1413			-8		36		-54		27					58
3861		16		-96		216		-216		81				-104
	-32		240		-720		1080		-810		243			
	64		-576		2160		-4320		4860		-2916		729	
-128		1344		-6048		15120		-22680		20412		-10206		2187
256		-3072		16128		-48384		90720		-108864		81648		-34992	6561

The numbers in diagonals pointing top-left are the numbers in rows of the triangle in **A317502**.

The numbers in diagonals pointing top-right are the numbers in rows of the triangle in **A317503**.

REFERENCE:
Shara Lalo and Zagros Lalo, Polynomial Expansion Theorems and Number Triangles, Zana Publishing, 2018, ISBN: 978-1-9995914-0-3