Some Useful Mathematics Commands in GeoGebra

Given Objects:

A points: *A,*

A constant: *k,*

2 integer sliders: *n & i*

Set of Line Segments by Sequence:

Command: Sequence[<Expression>, <Variable>, <Start Value>, <End Value>]

Horizontal Line Segments:

Segment[A, (x(A)+k,y(A))]

Sequence(Segment[(x(A), y(A)+h),(x(A)+k, y(A)+h)],h,0,3)

Sequence(Segment[(x(A), y(A)+h),(x(A)+k, y(A)+h)],h,0,n)

Vertical Line Segments:

Segment[A, (x(A), y(A) + n)]

Sequence(Segment[(x(A)+j,y(A)), (x(A)+j, y(A)+n)],j,0,3)

Transfer by Vector:

Command: Translate[<Object>, <Vector>]

e.g. *Translate[poly1, u]*