Photo-pictures and dynamic software
or
about the motivation of the art-oriented students

Toni Chehlarova
Koya Chehlarova
Moving a picture along a graph of a function

\[
g(x) = 1.4 \times
\]

\[
f(x) = 0.2 \times^2
\]

Point M: \((b, f(b))\)

Point P: \((e, s(e))\)

\[
s(x) = -3.4 \sin(x)
\]
Movement along the tangent
Special effect by making different copies of the picture

the sequence command

```math
\text{Sequence}[(c \ i, a \ i + b), i, 1, n]
\text{Sequence}[\text{Translate}[\text{pic}1, \text{Vector}[\text{Element}[\text{list}1, 1], \text{Element}[\text{list}1, k]]], k, 1, n, 0.5]
```

\begin{align*}
n &= 10 \\
a &= -0.2 \\
b &= -0.6 \\
c &= -0.6
\end{align*}
fragrance
fragrance
fragrance
A garland like a garland
bee
Tsanko Lavrenov and ...
waves
Rainbow
Ice pending formation
Who is that cat?
Background

Sequence[(c i, a i² + b i), i, 1, n]
Sequence[Translate[pic6, Vector[Element[list2, 1], Element[list2, k]]], k, 1, n, 0.5]

Sequence[Delete[pic3, 1/k, Element[списък1, n]], k, 1, n, 1]
Sequence[Translate[pic1, Vector[Element[list1, 1], Element[list1, k]]], k, 1, n, 0.5]

Sequence[Dilate[pic9, 5 / k, (x(A), y(A) k)], k, 1, a, 0.5]
Sequence[Dilate[pic5, k / 1.2, (x(G), y(G) + k k / 7)], k, 1, a, 0.5]

Sequence[Dilate[pic2, k / 5, (x(B), y(B) - k k)], k, 1, a, 0.2]
Sequence[Dilate[pic1, k / 5, (x(A), y(A) k)], k, 1, a, 0.5]
Thank you!