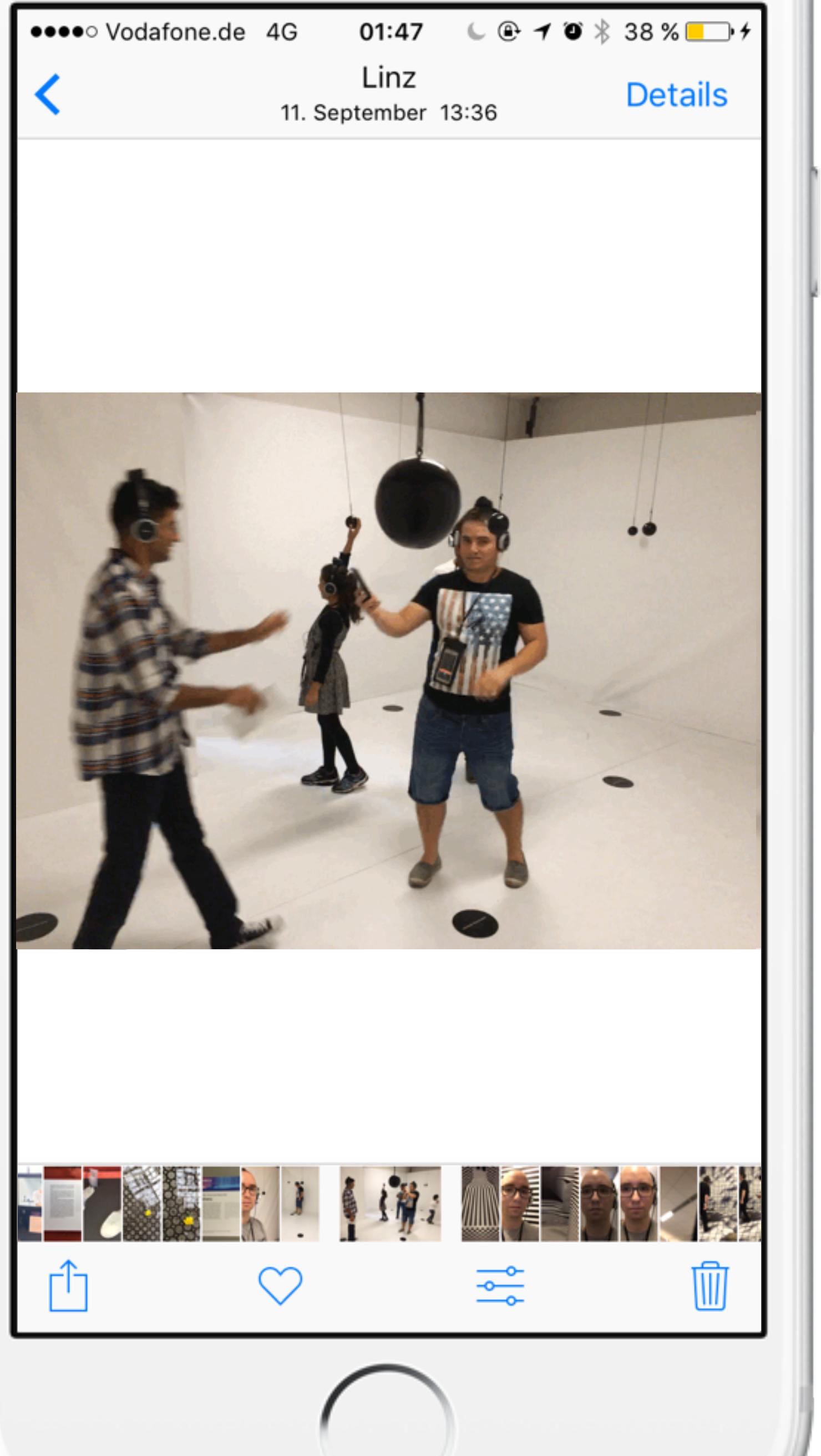


INTRO INTERACTION

Wintersemester
2017 / 18



Zeit | Raum | Bewegung



Disney Animation
THE ILLUSION OF LIFE

Frank Thomas & Ollie Johnston



P



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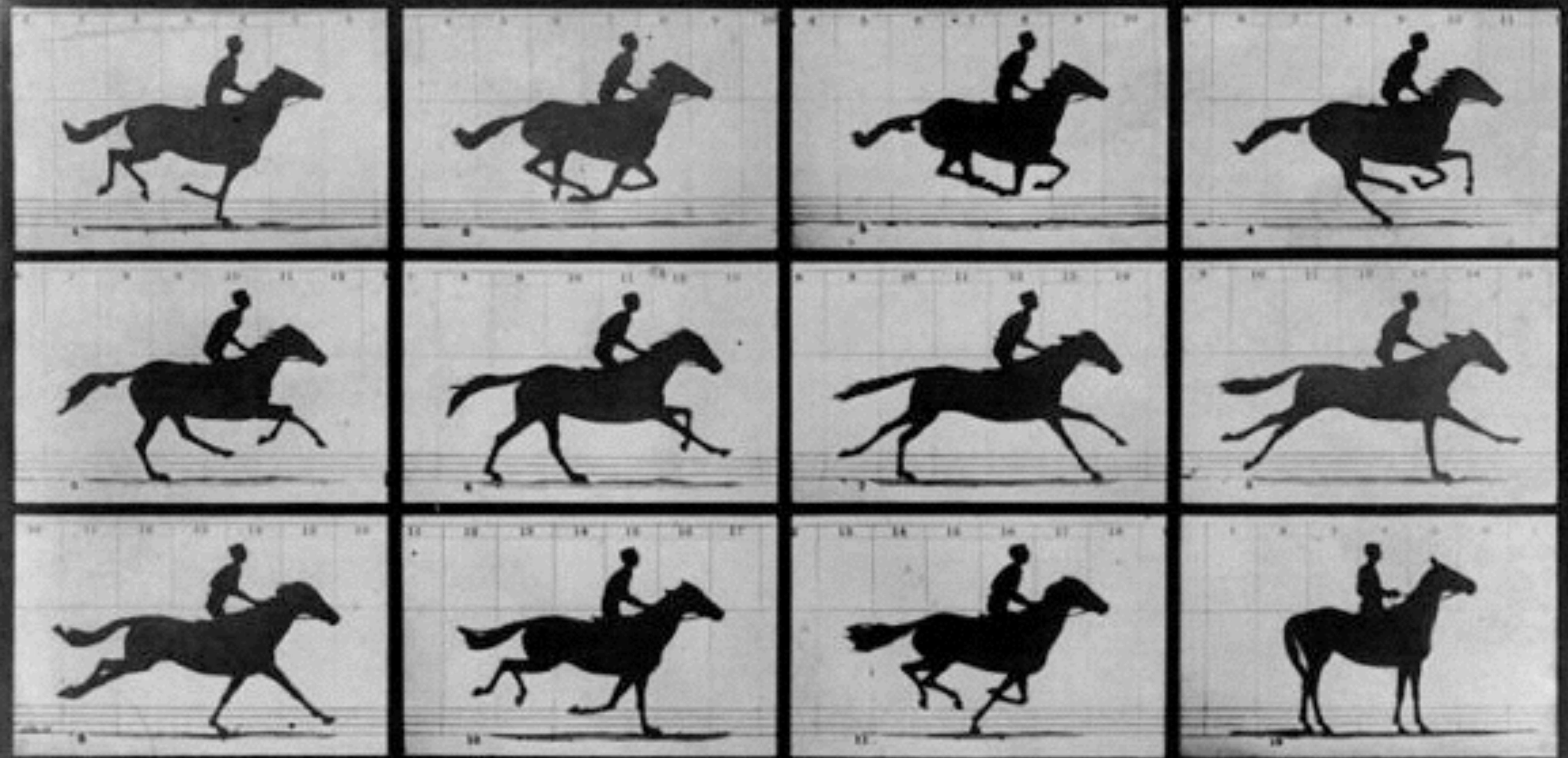
ANIMATION STUDIOS

Pixar Animation Studios 1986 with funding by Apple,



Zeit I Raum I Bewegung





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MORSE'S Gallery, 447 Montgomery St., San Francisco.

THE HORSE IN MOTION.

MUYBRIDGE

AN AUTOMATIC ELECTRIC PHOTOGRAPHIC APPARATUS.



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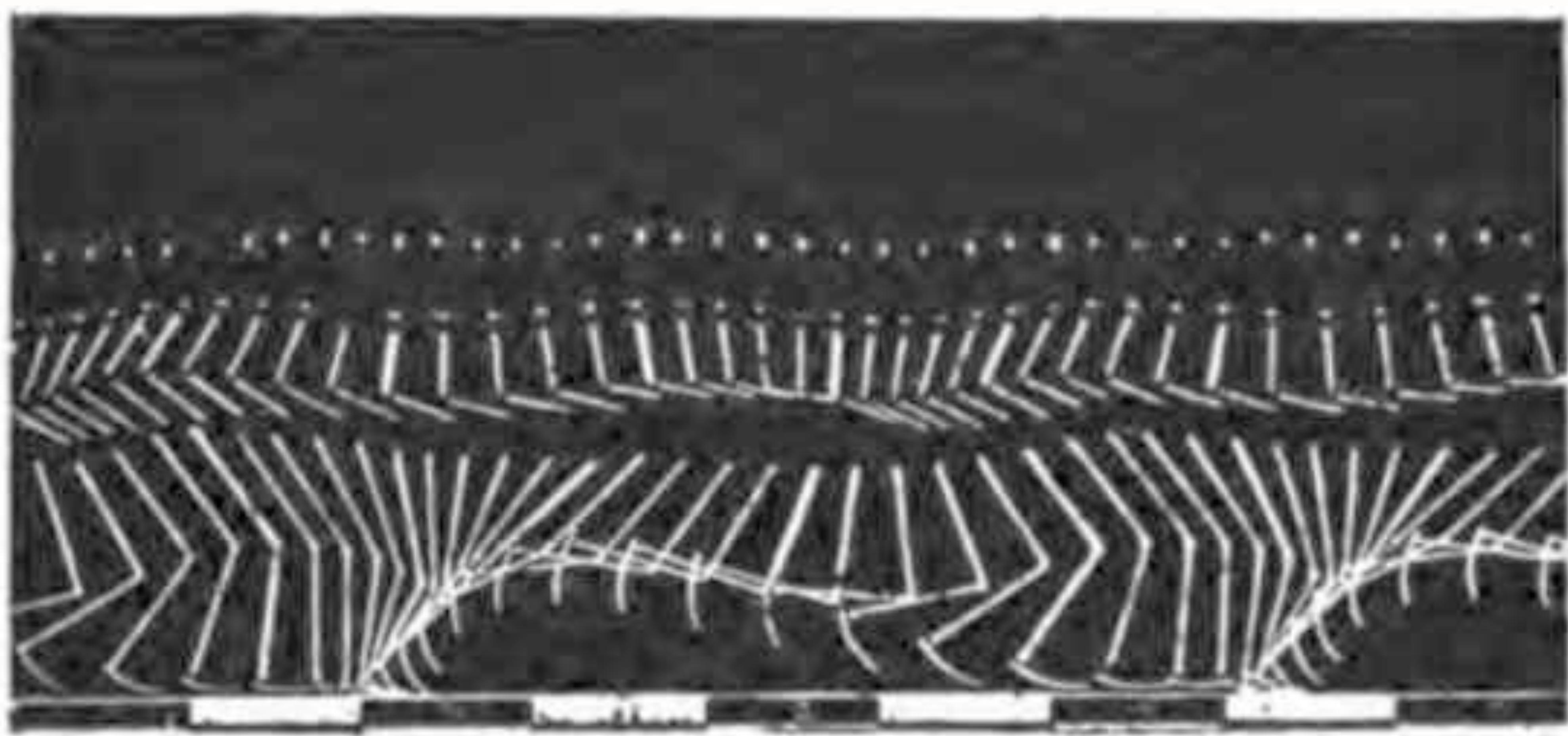
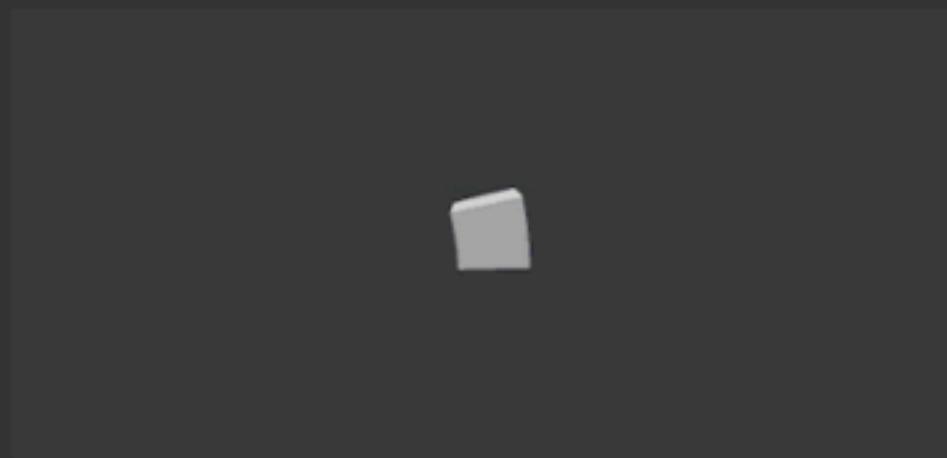


Fig. 183. Partielle Momentphotographie eines laufenden Mannes mit glänzenden Bändern.



SQUASH & STRETCH



ANTICIPATION



STAGING



STRAIGHT AHEAD & POSE TO POSE



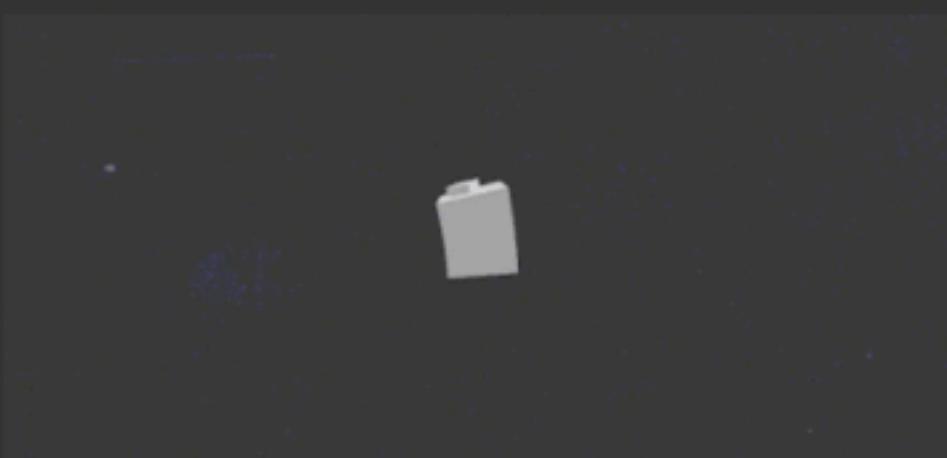
FOLLOW THROUGH & OVERLAPPING



SLOW IN & SLOW OUT



ARCS



SECONDARY ACTION



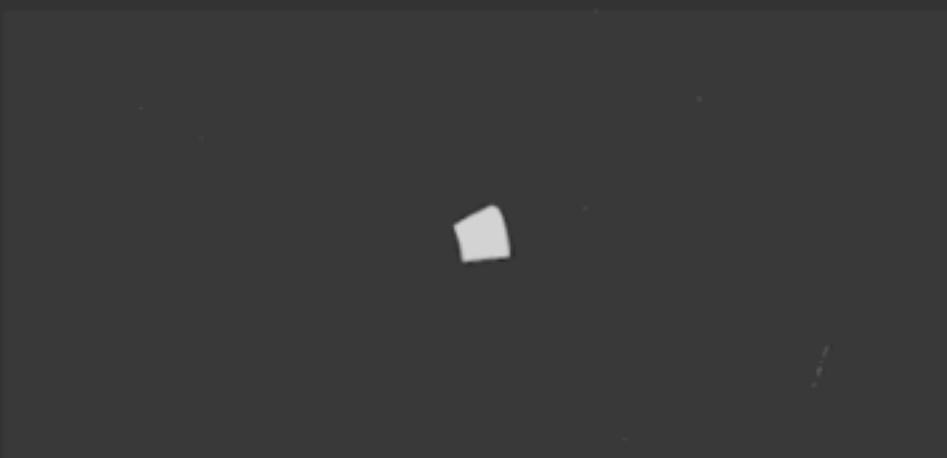
TIMING



EXAGGERATION



SOLID DRAWINGS



APPEAL

The 12 Principles of Animation

Squash and Stretch // Quetschen & Strecken

Anticipation // Ausholen oder Vorwegnehmen

Staging // Inszenierung der Posen

Straight Ahead Action and Pose to Pose // Drauflos & Schlüsselbildanimation

Follow Through and Overlapping Action // Weiterführende und überlappende Bewegung

Ease In and Ease Out // Beschleunigung und Abbremsung

Arc // Bewegungsbögen

Secondary Action // Zweitrangige/Unterstützende Bewegung

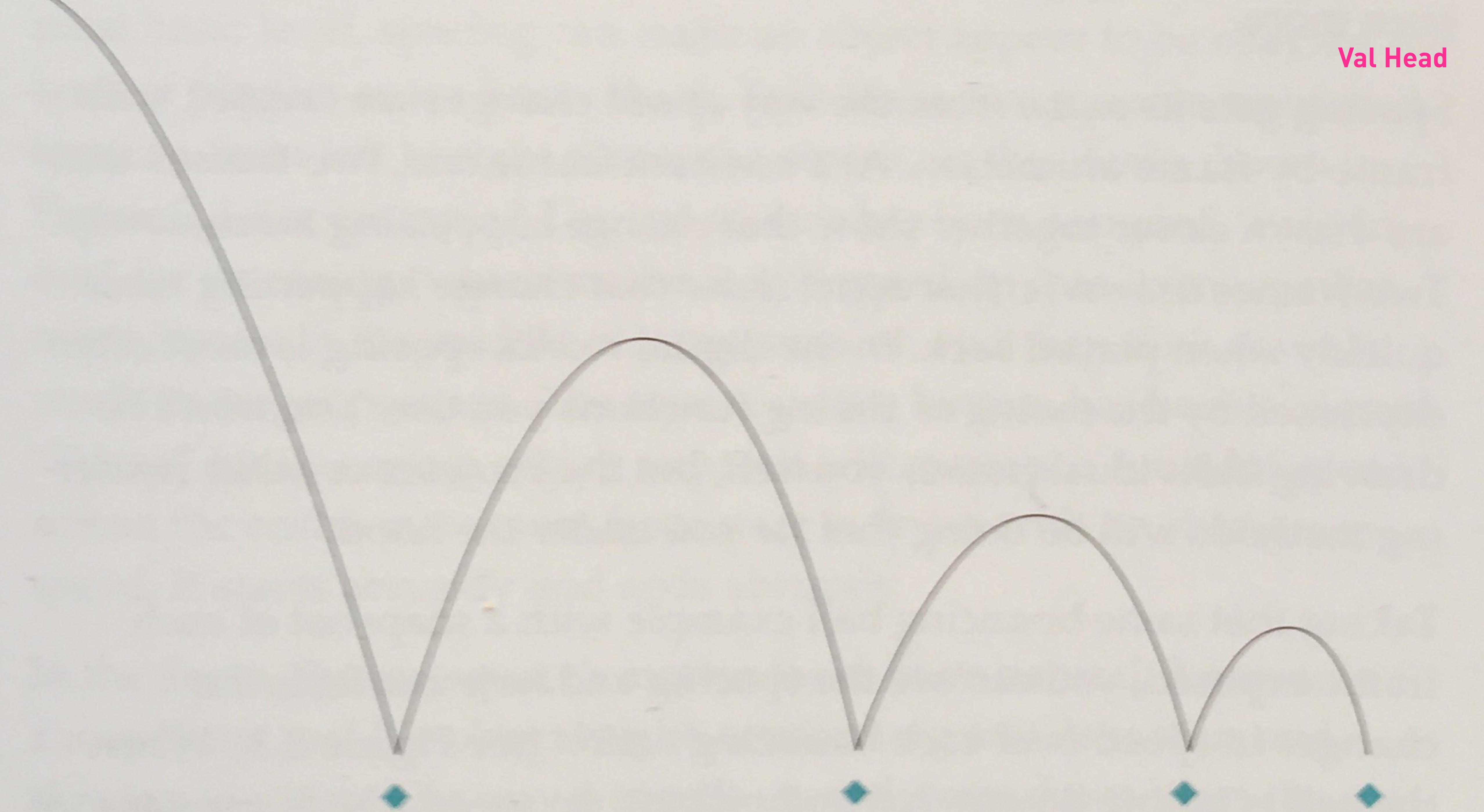
Timing // Bewegungsdauer

Exaggeration // Übertreibung, Karikatur

Solid drawing // Solides Zeichnen

Appeal // Charisma, Charme und Reiz

Val Head



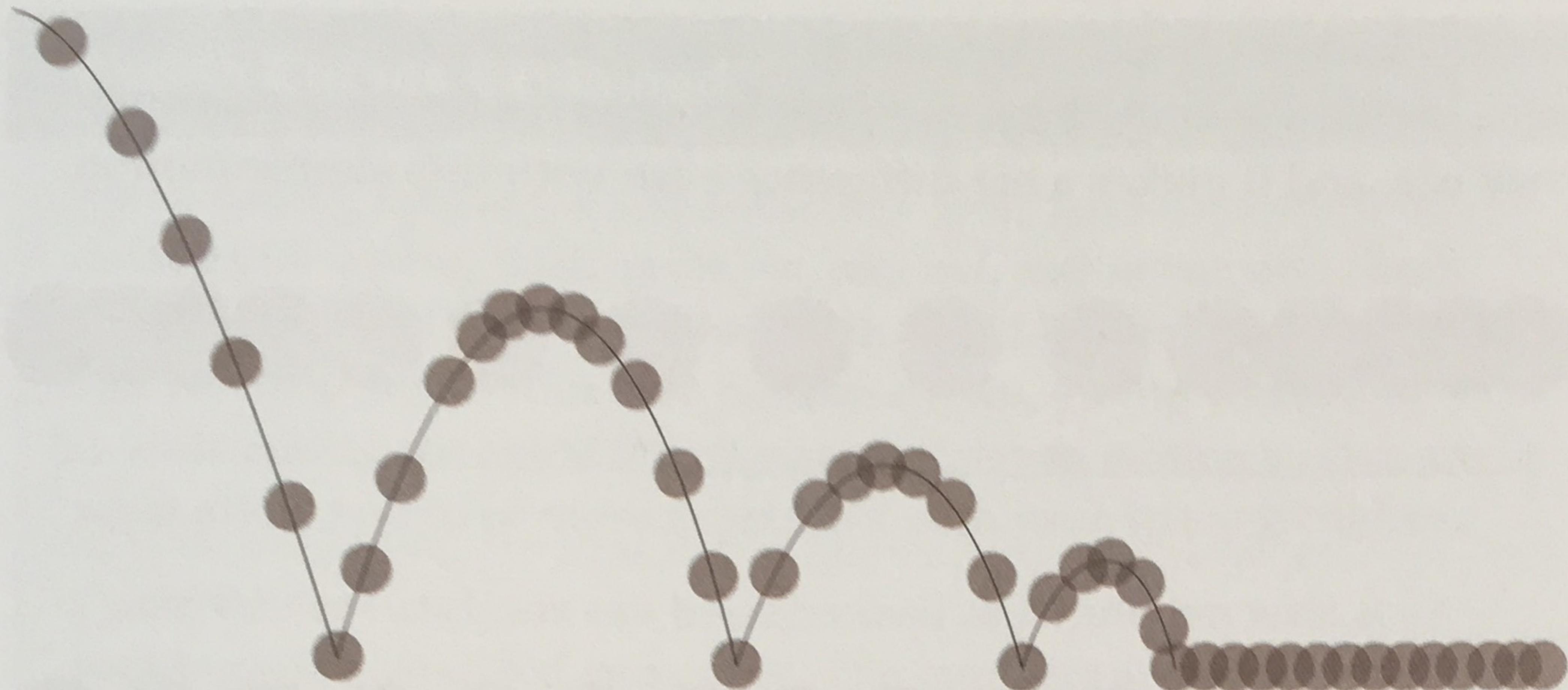
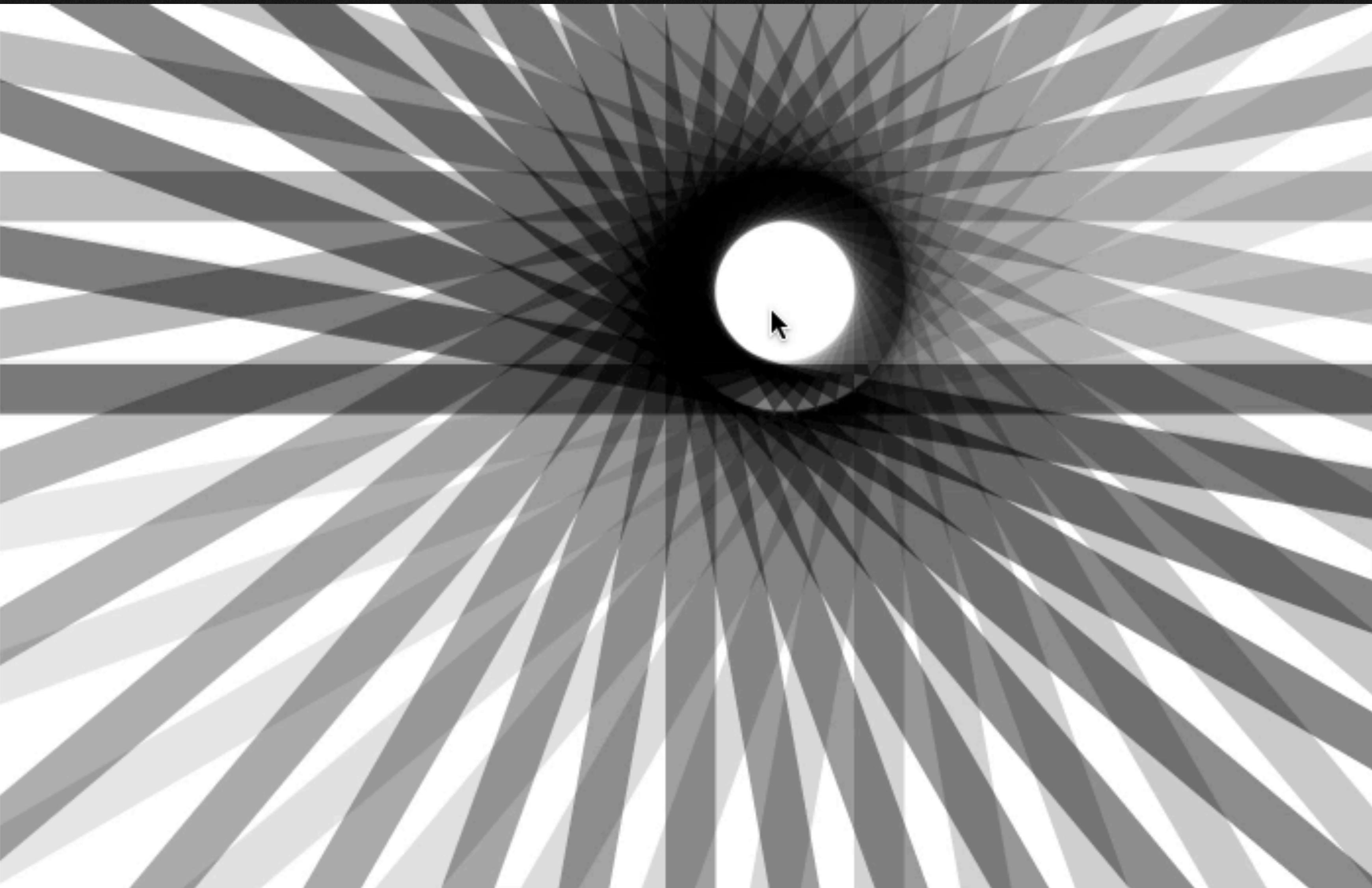


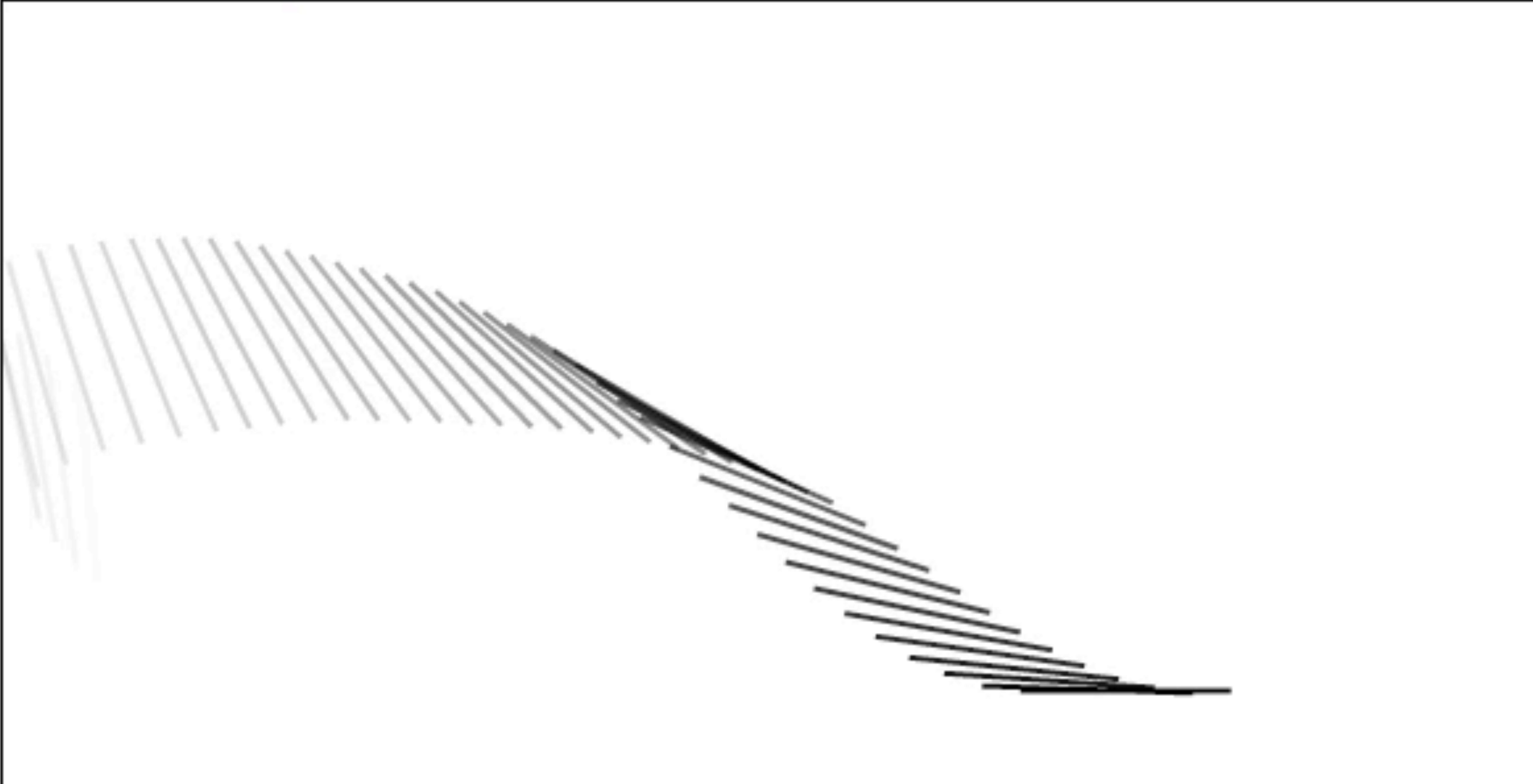
FIGURE 2.3

The spacing of the individual frames of the ball bounce changes the speed of the ball at the various stages of its bounce.



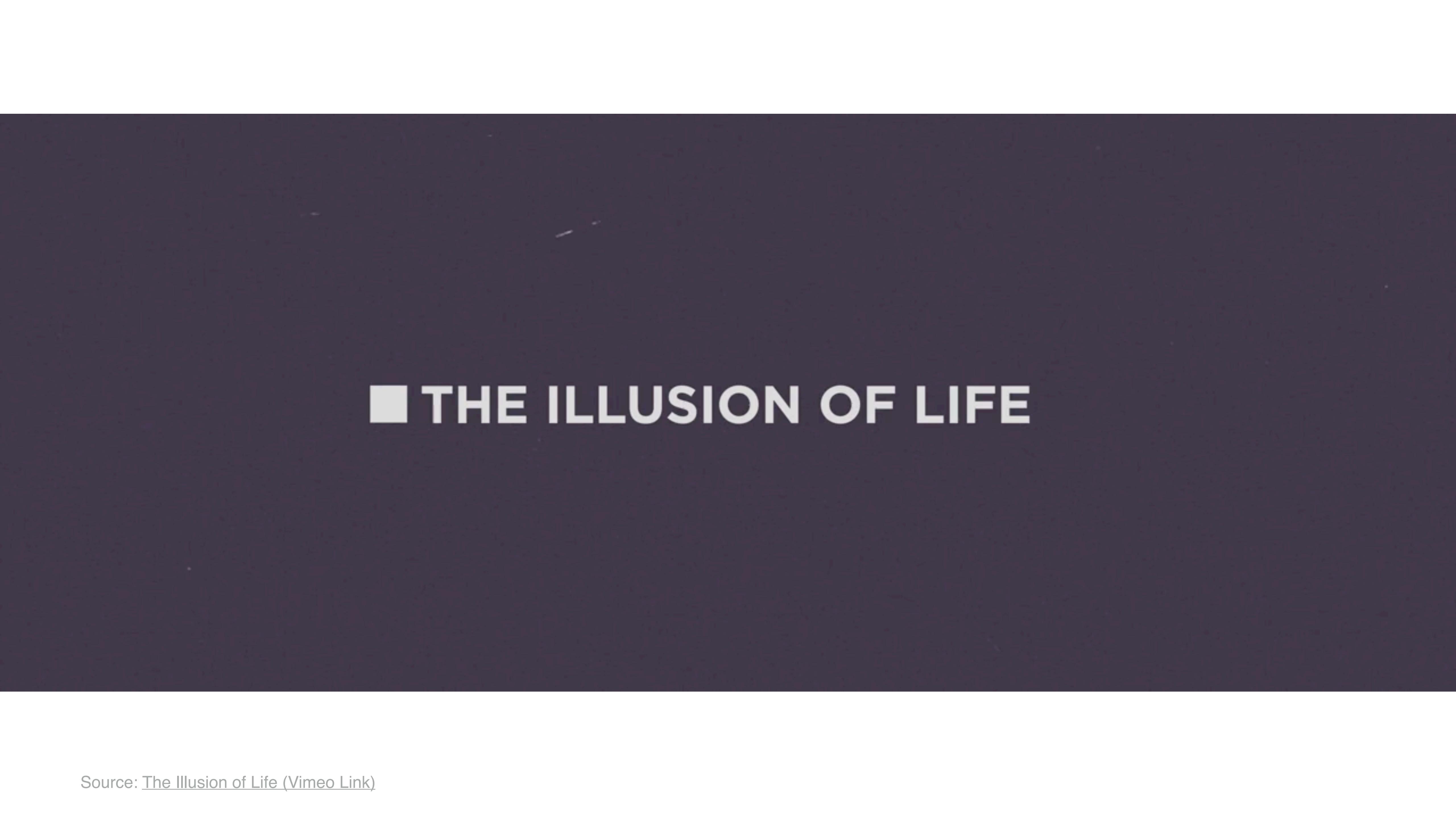
Transformation elastisch - starr

Daniela Steinberg, Nikolai Gamasin



Transformation elastisch - starr

Daniela Steinberg, Nikolai Gamasin



■ THE ILLUSION OF LIFE

Source: [The Illusion of Life \(Vimeo Link\)](#)

THANKS :)

WINTERSEMESTER
2017



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