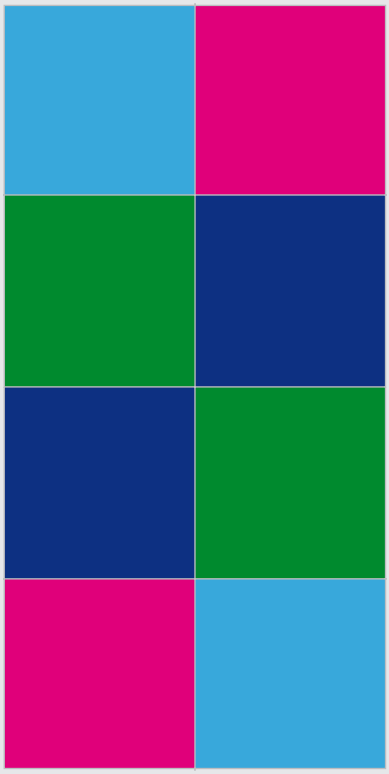
Mathematik?
Spiel!

Pythagoräische Metamorphose

eugenjost@bluewin.ch

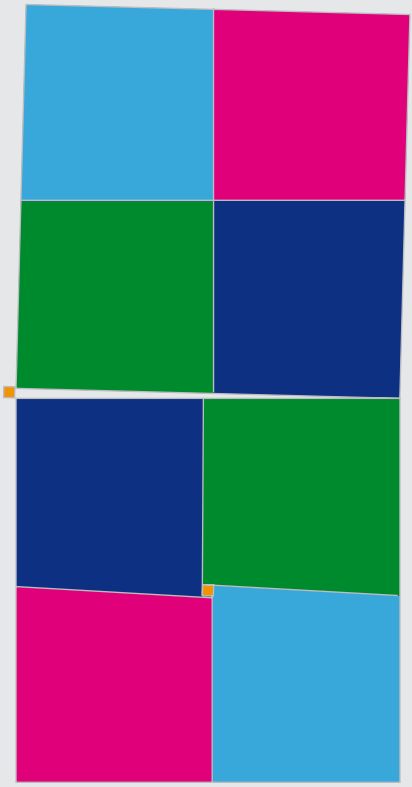
3

Pythagoräische Metamorphose



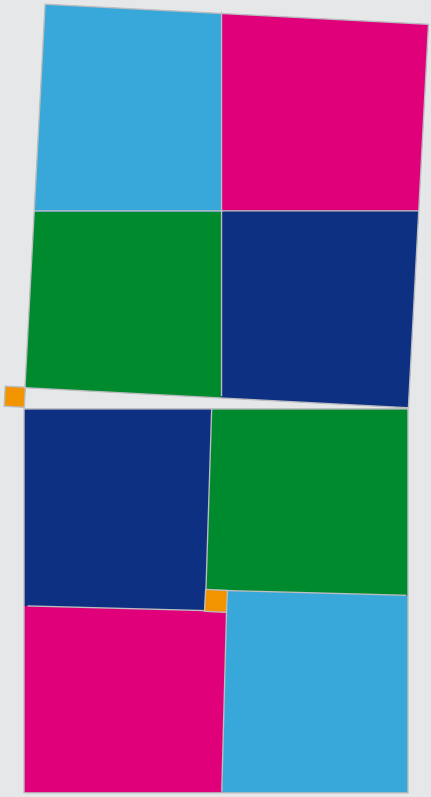
5

Pythagoräische Metamorphose



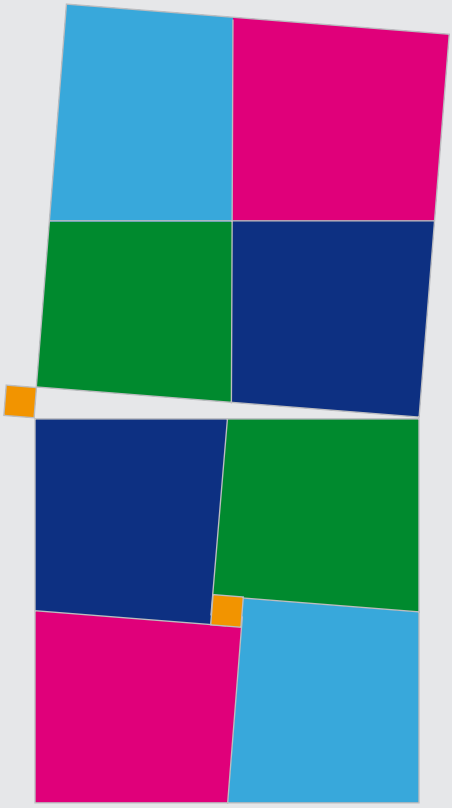
7

Pythagoräische Metamorphose



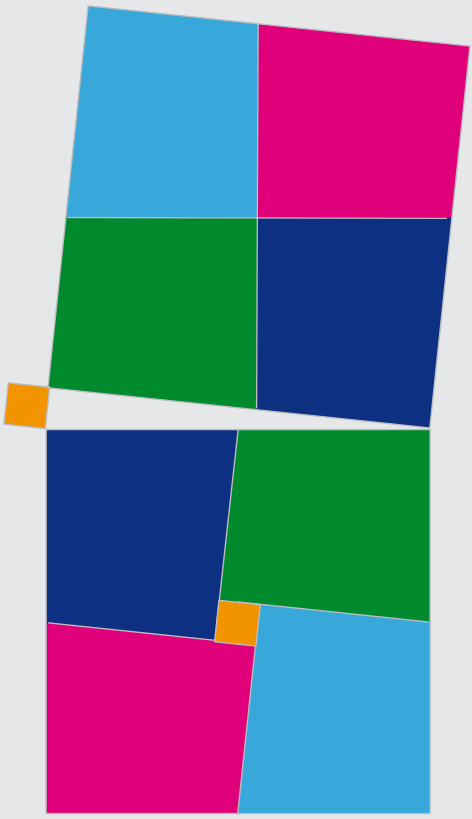
9

Pythagoräische Metamorphose



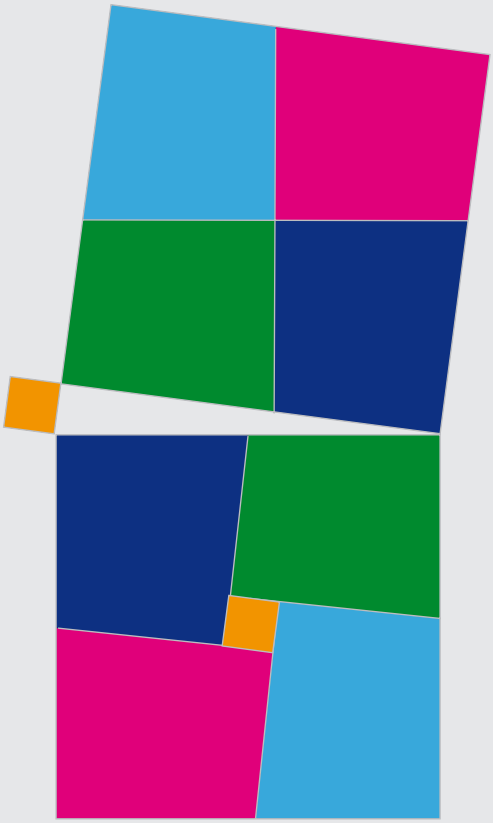
11

Pythagoräische Metamorphose



13

Pythagoräische Metamorphose



15

Pythagoräische Metamorphose

17

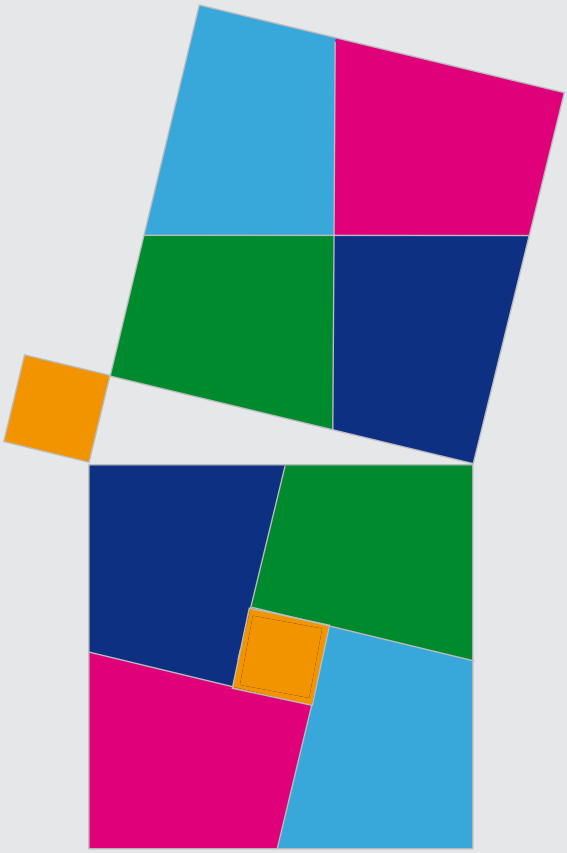
Pythagoräische Metamorphose

19

Pythagoräische Metamorphose

21

Pythagoräische Metamorphose



23

Pythagoräische Metamorphose

25

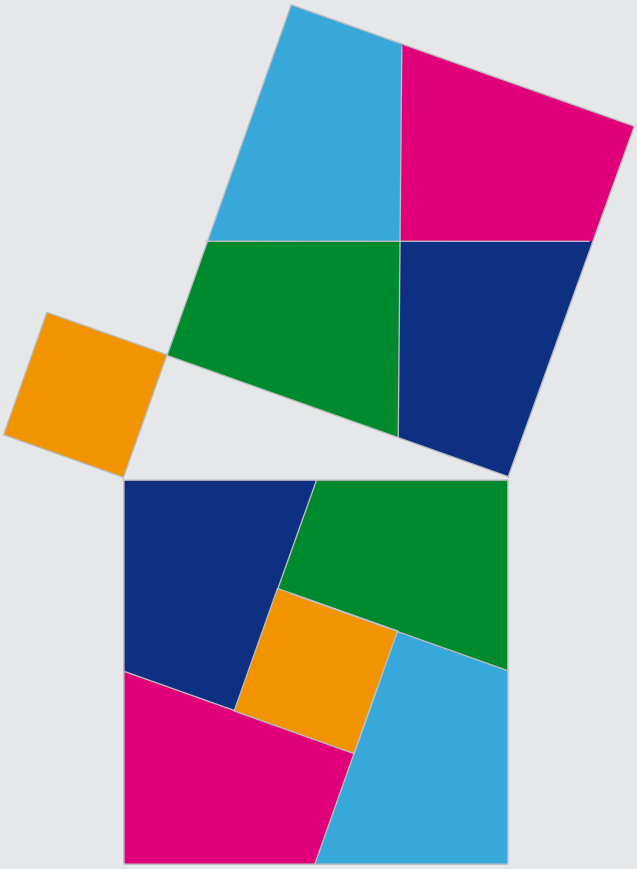
Pythagoräische Metamorphose

27

Pythagoräische Metamorphose

29

Pythagoräische Metamorphose



31

Pythagoräische Metamorphose

33

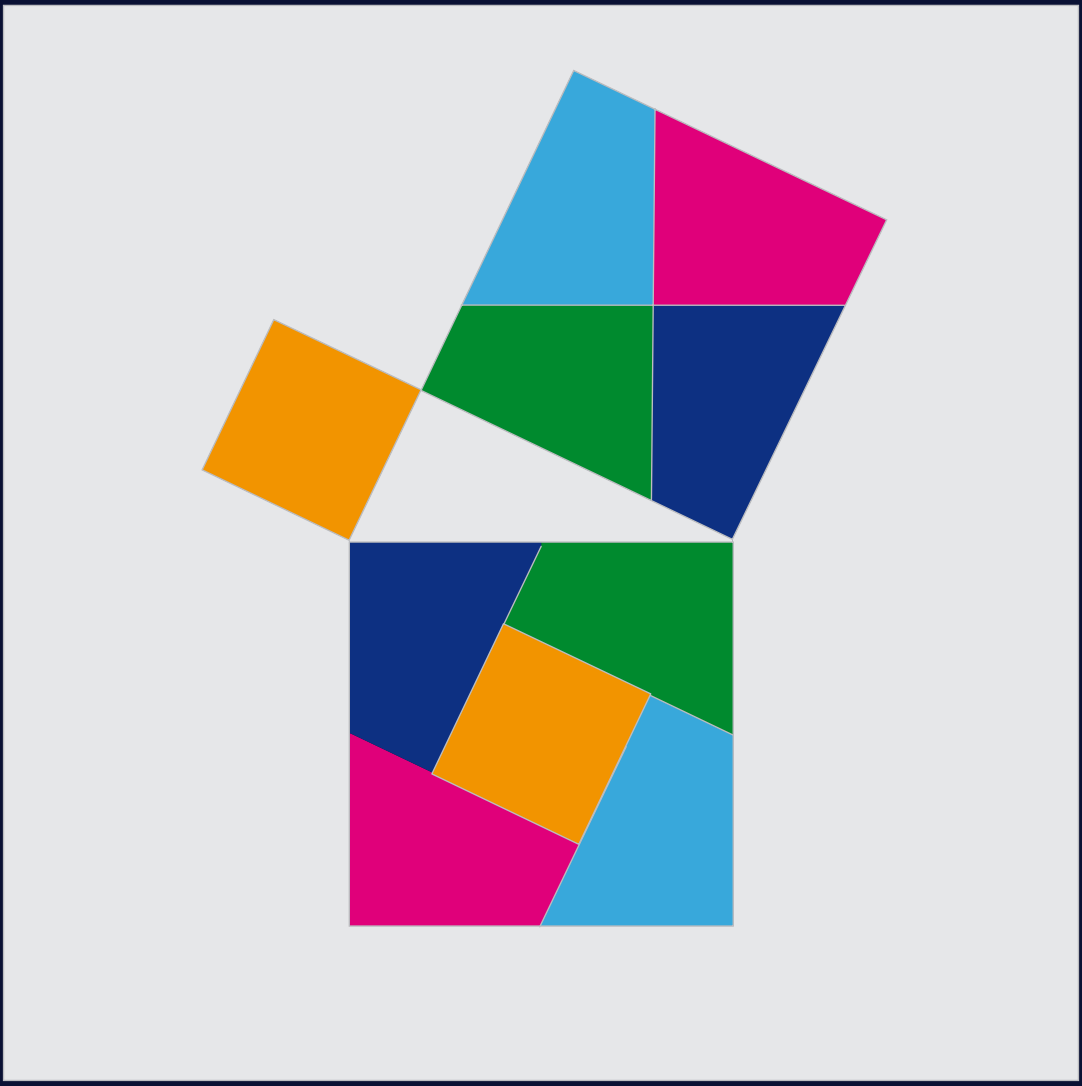
Pythagoräische Metamorphose

35

Pythagoräische Metamorphose

37

Pythagoräische Metamorphose

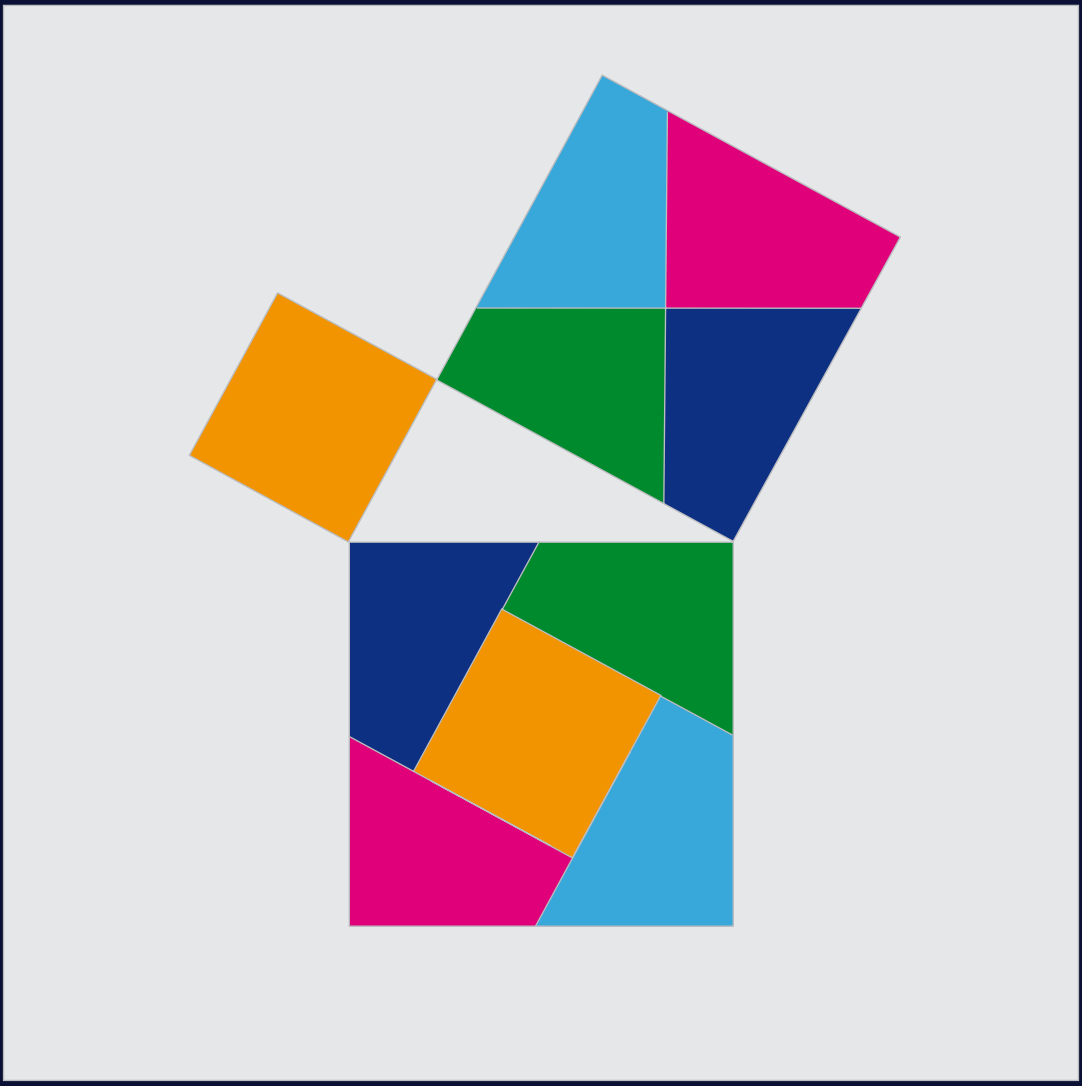


39

Pythagoräische Metamorphose

41

Pythagoräische Metamorphose

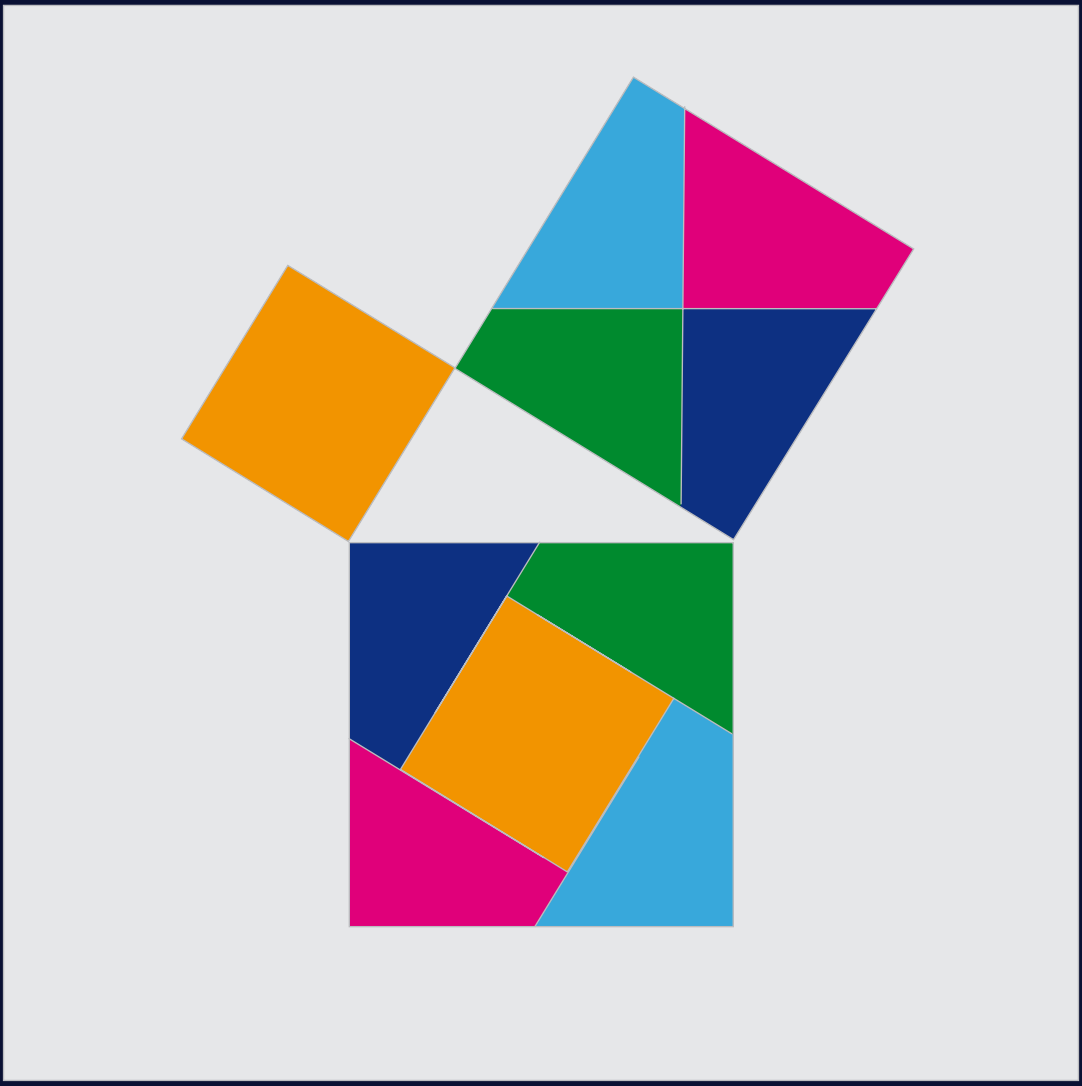


43

Pythagoräische Metamorphose

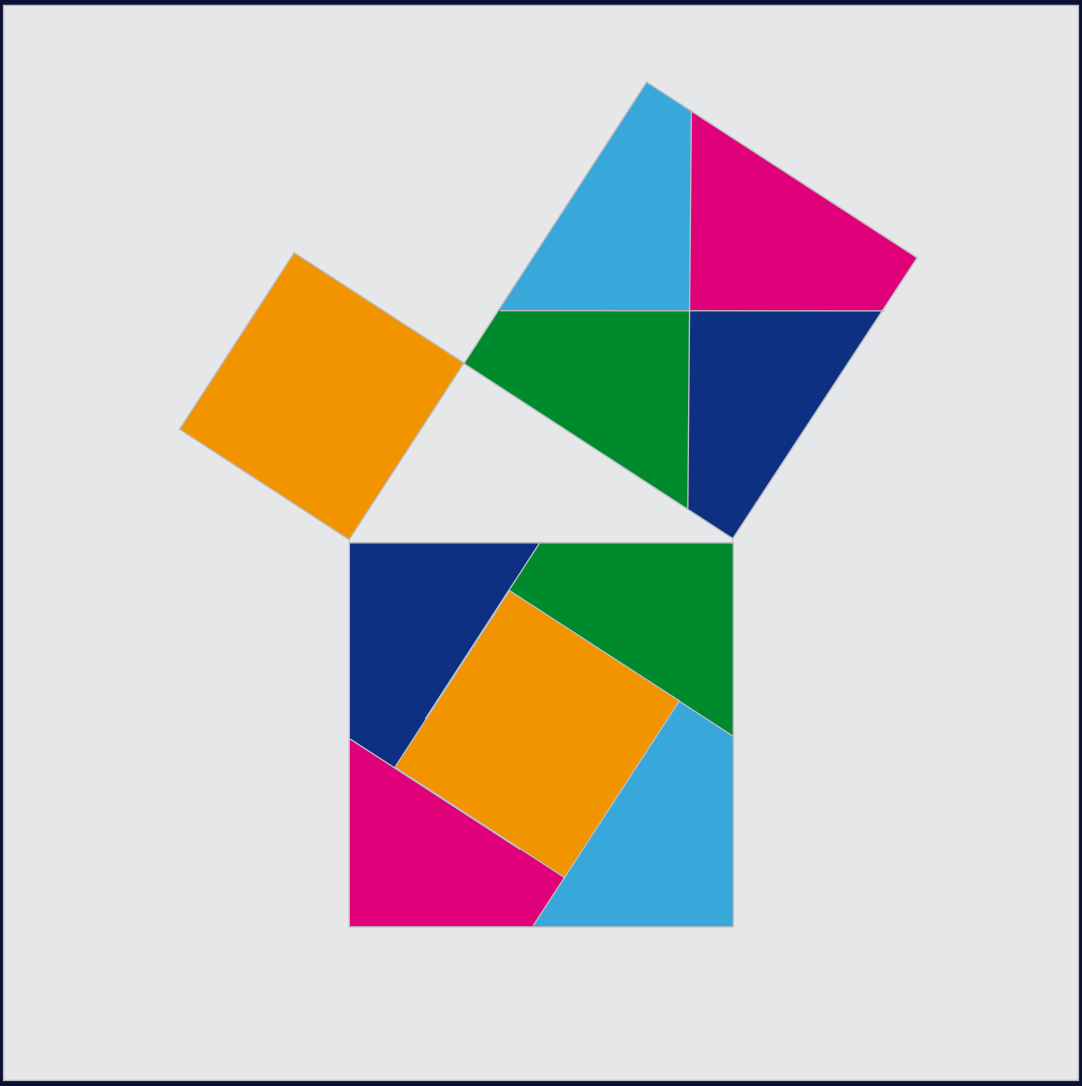
45

Pythagoräische Metamorphose



47

Pythagoräische Metamorphose



49

Pythagoräische Metamorphose

51

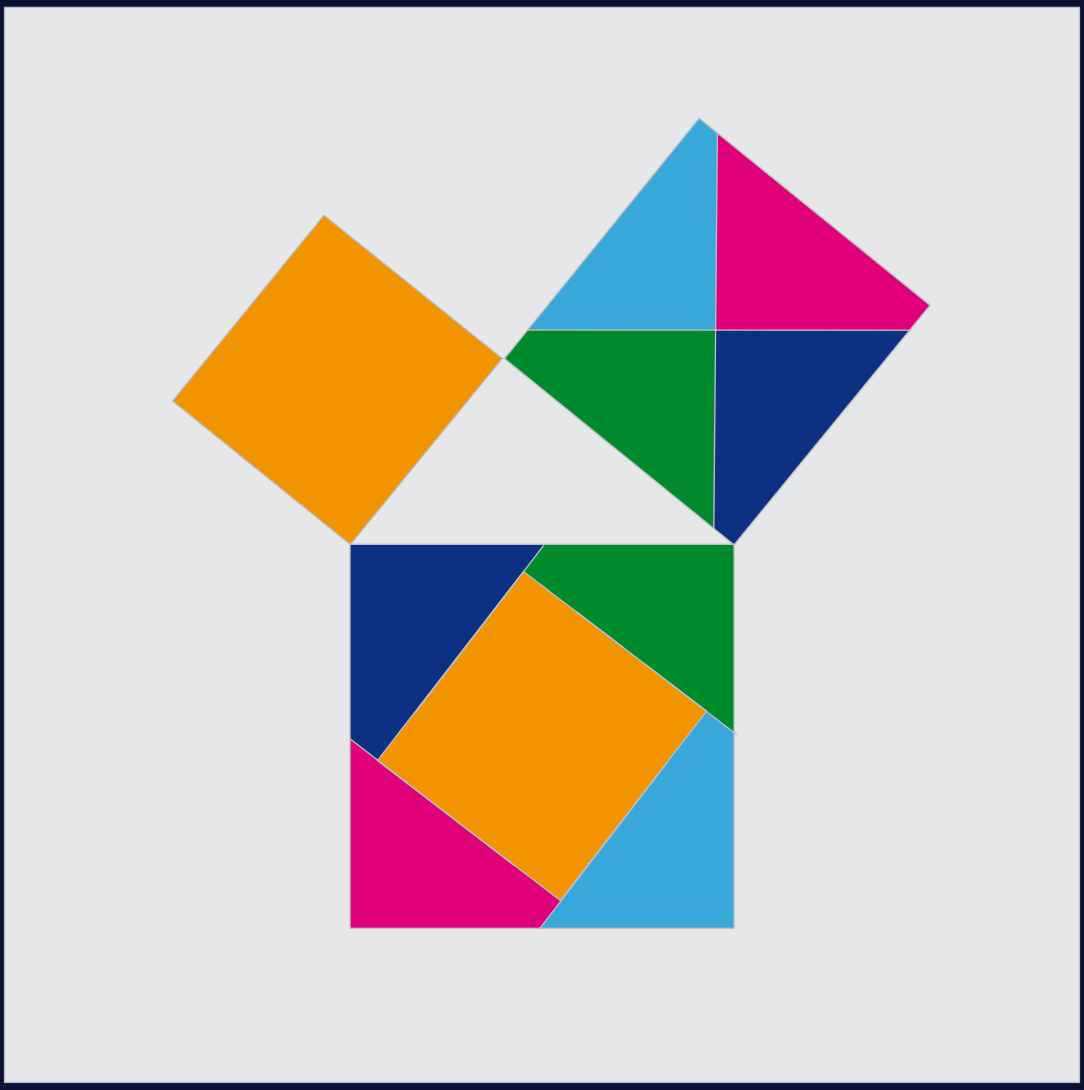
Pythagoräische Metamorphose

53

Pythagoräische Metamorphose

55

Pythagoräische Metamorphose



57

Pythagoräische Metamorphose

59

Pythagoräische Metamorphose

61

Pythagoräische Metamorphose

63

Pythagoräische Metamorphose

65

Pythagoräische Metamorphose

67

Pythagoräische Metamorphose

69

Pythagoräische Metamorphose

71

Pythagoräische Metamorphose

73

Pythagoräische Metamorphose

75

Pythagoräische Metamorphose

77

Pythagoräische Metamorphose

79

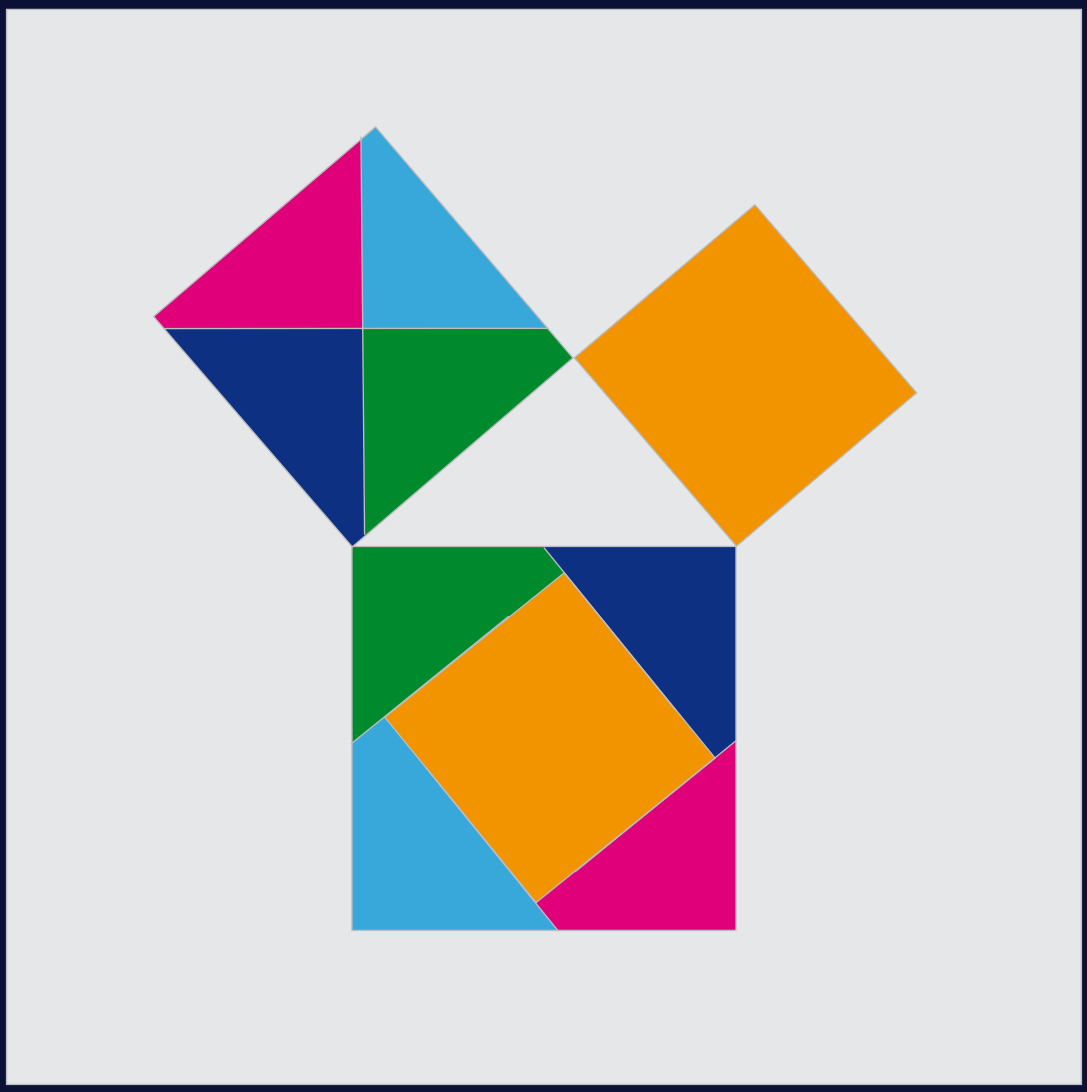
Pythagoräische Metamorphose

81

Pythagoräische Metamorphose

83

Pythagoräische Metamorphose



85

Pythagoräische Metamorphose

87

Pythagoräische Metamorphose

89

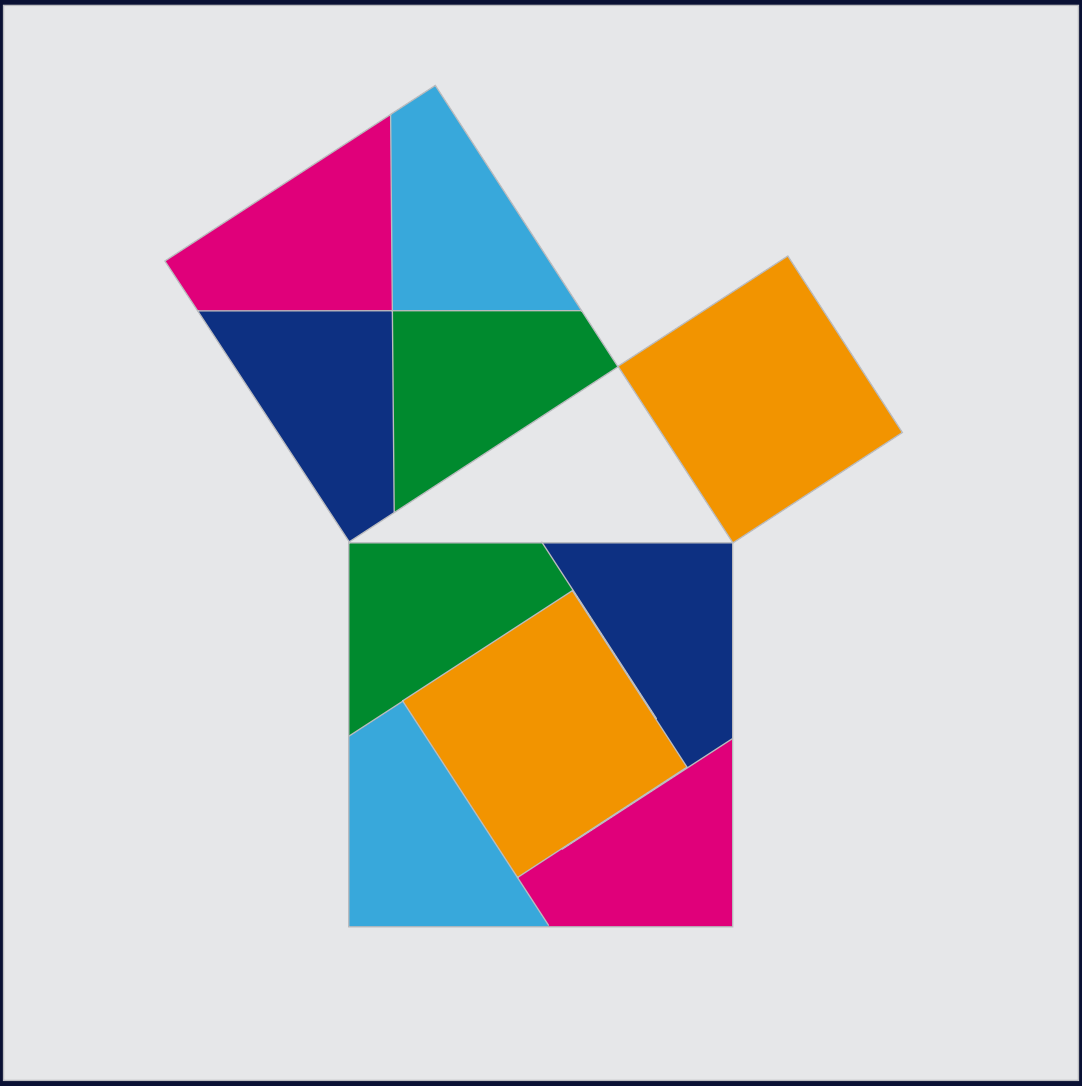
Pythagoräische Metamorphose

91

Pythagoräische Metamorphose

93

Pythagoräische Metamorphose



95

Pythagoräische Metamorphose

97

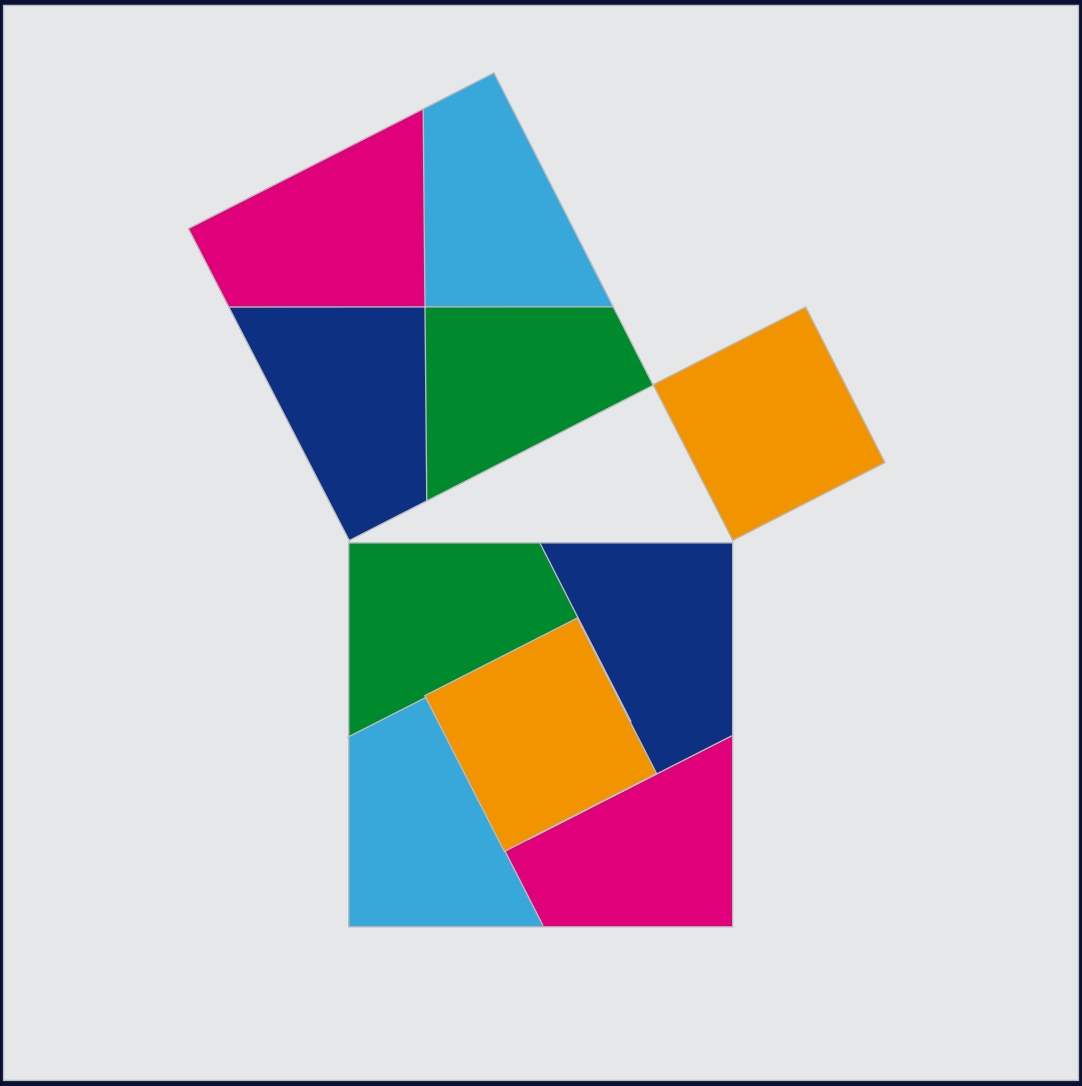
Pythagoräische Metamorphose

99

Pythagoräische Metamorphose

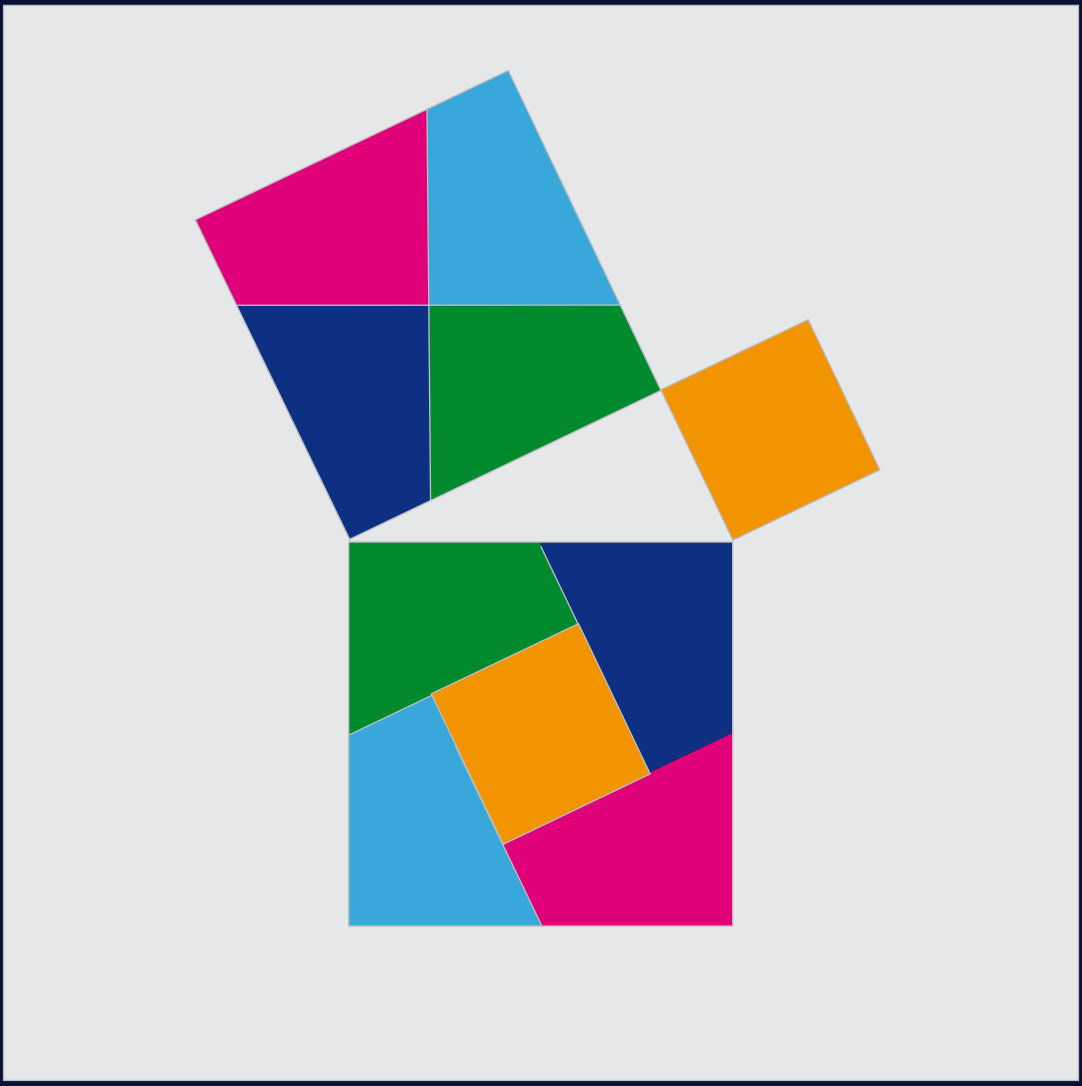
101

Pythagoräische Metamorphose



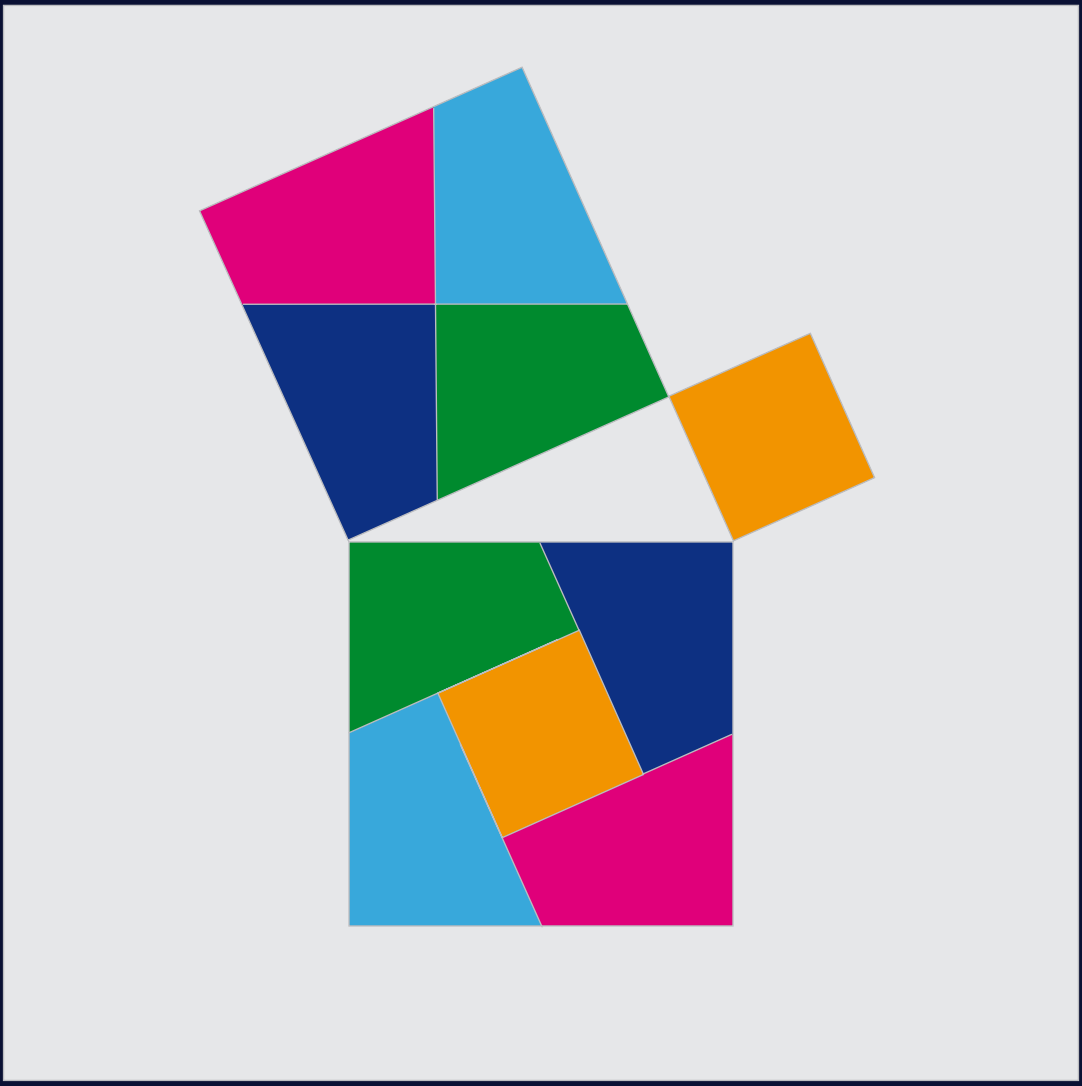
103

Pythagoräische Metamorphose



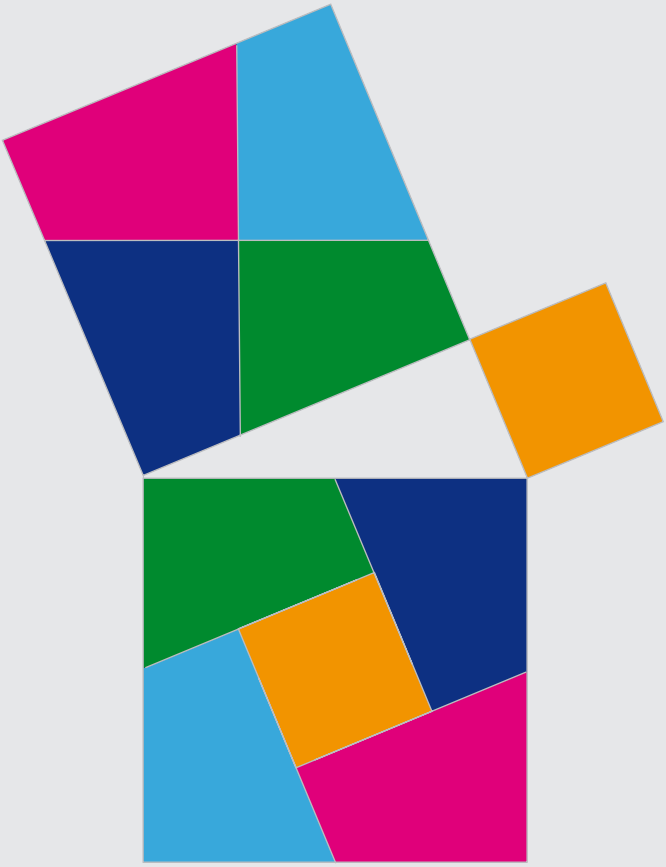
105

Pythagoräische Metamorphose

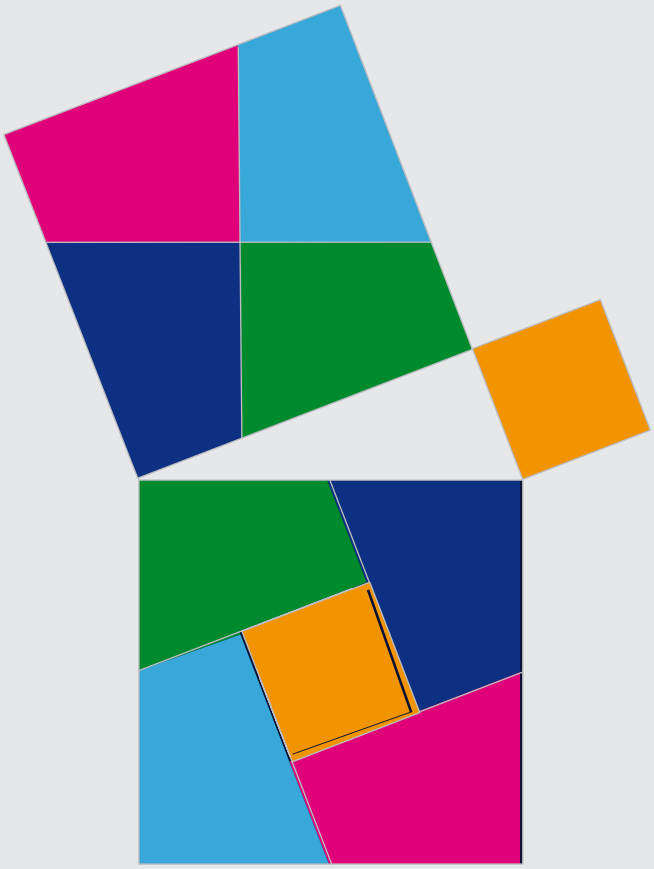


107

Pythagoräische Metamorphose



Pythagoräische Metamorphose



111

Pythagoräische Metamorphose

113

Pythagoräische Metamorphose

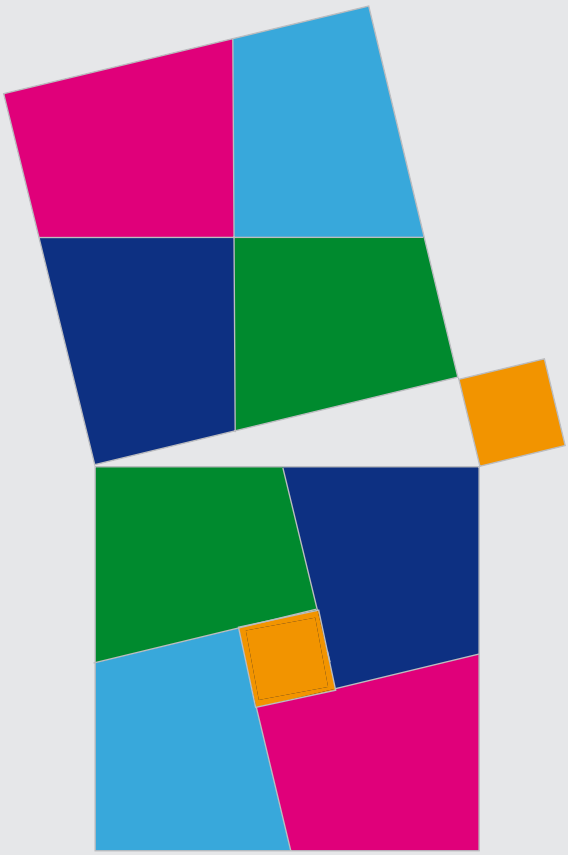
115

Pythagoräische Metamorphose

Pythagoräische Metamorphose

119

Pythagoräische Metamorphose



121

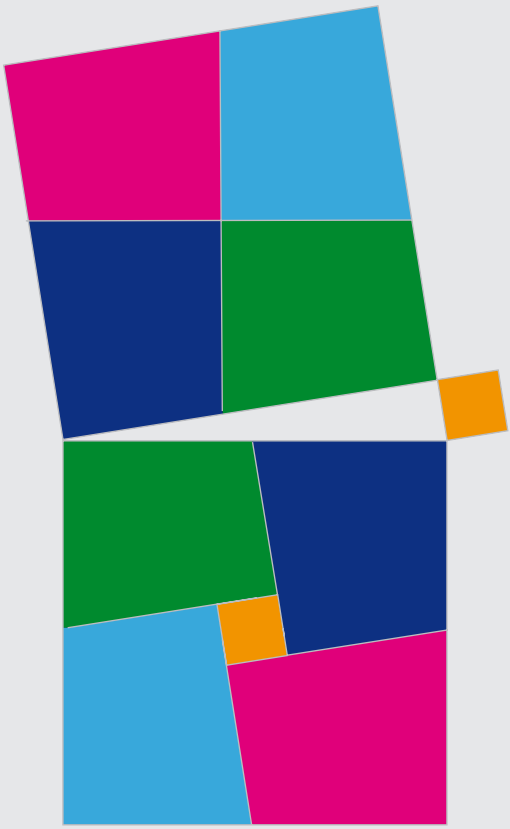
Pythagoräische Metamorphose

123

Pythagoräische Metamorphose

125

Pythagoräische Metamorphose

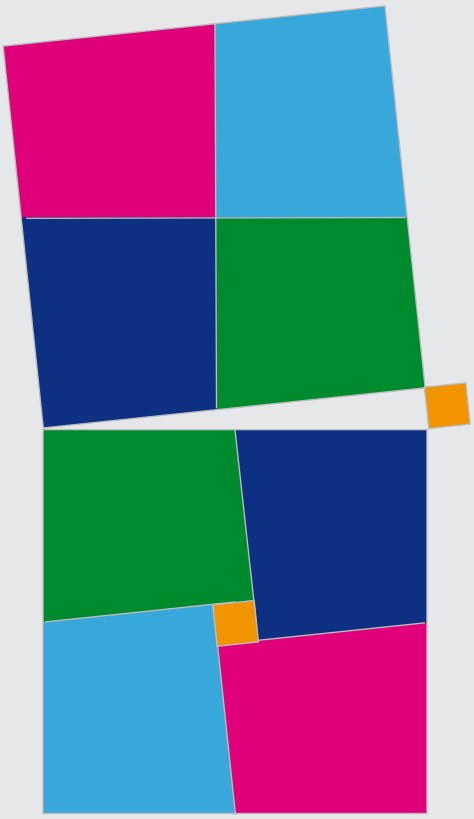


127

Pythagoräische Metamorphose

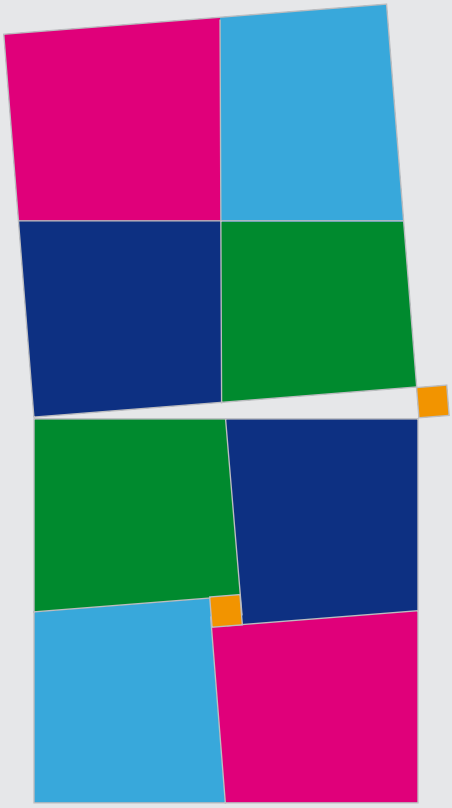
129

Pythagoräische Metamorphose



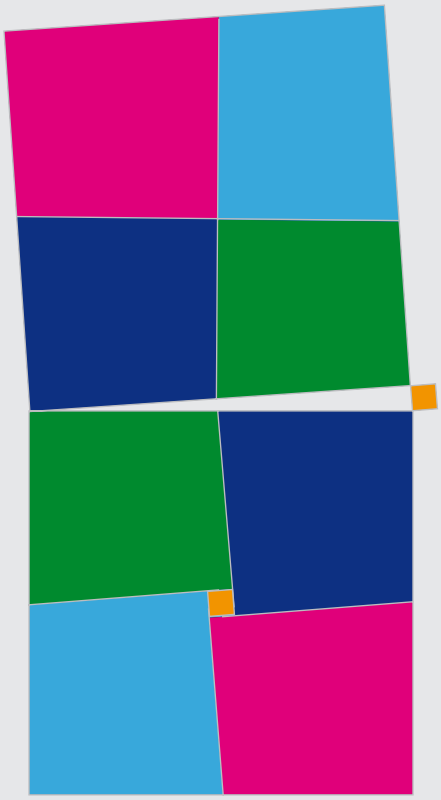
131

Pythagoräische Metamorphose



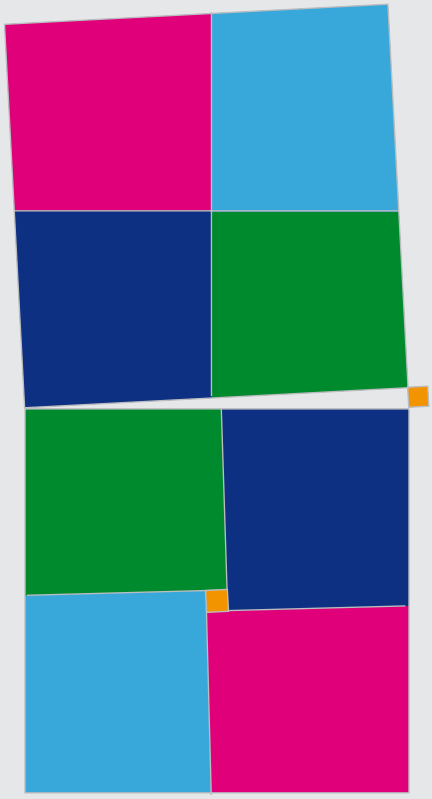
133

Pythagoräische Metamorphose



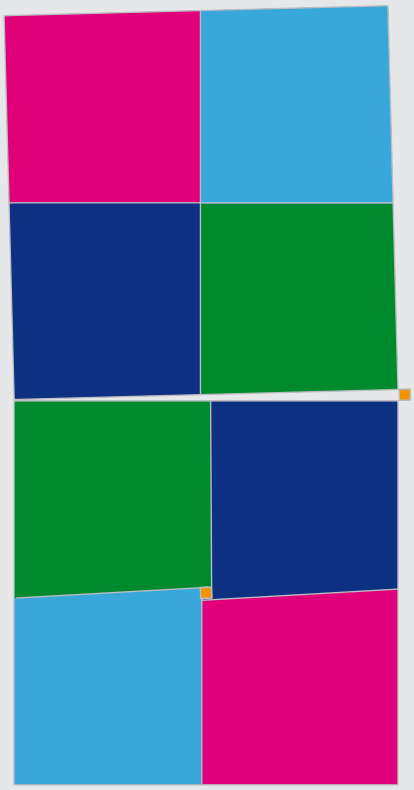
135

Pythagoräische Metamorphose



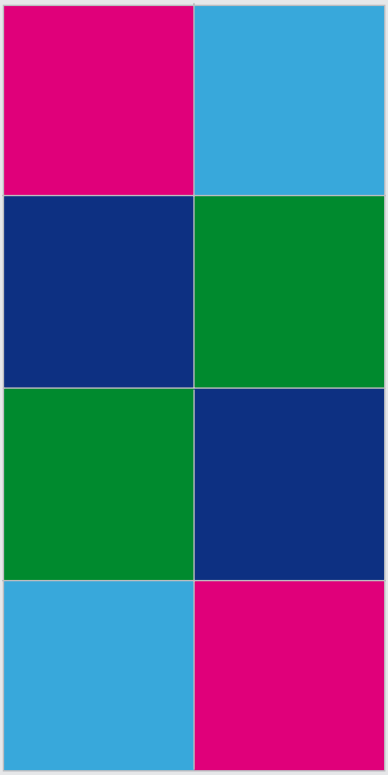
137

Pythagoräische Metamorphose



139

Pythagoräische Metamorphose



Mathematik?
Spiel!

realisierte Daumenkinos

- Scheitel-, Neben-, Wechsel-, Stufen-, Basiswinkel
- Winkelsumme im Dreieck
- Thaleskreis (Euklid, Elemente, Buch III)
- Pythagoras, Zerlegung (Euklid, Elemente, Buch I)
- Kathetensatz (Euklid, Elemente, Buch I)
- Höhensatz (Euklid, Elemente, Buch VI u. Buch II)
- Schnitte durch den Würfel
- Verfolgungskurve
- Möndchen des Hippokrates von Chios
- Ellipse im Kreis
- $(a + b + c + ...)^2$
- Hinged Tessellation

Daumenkinos in Planung

- Ellipse, Parabel, Hyperbel
- Hexe der Agnesi
- Satz von Morley
- Sinus
- Satz von Ceva
- Dreiecksgeometrie, Eulergerade
- von der Sekante zur Tangente
- Riemannsches Integral
- Flächenverwandlung
- Sprachspiele
- von 0 bis 100
- ...

Eugen Jost, CH-3604 Thun
eugenjost@bluewin.ch