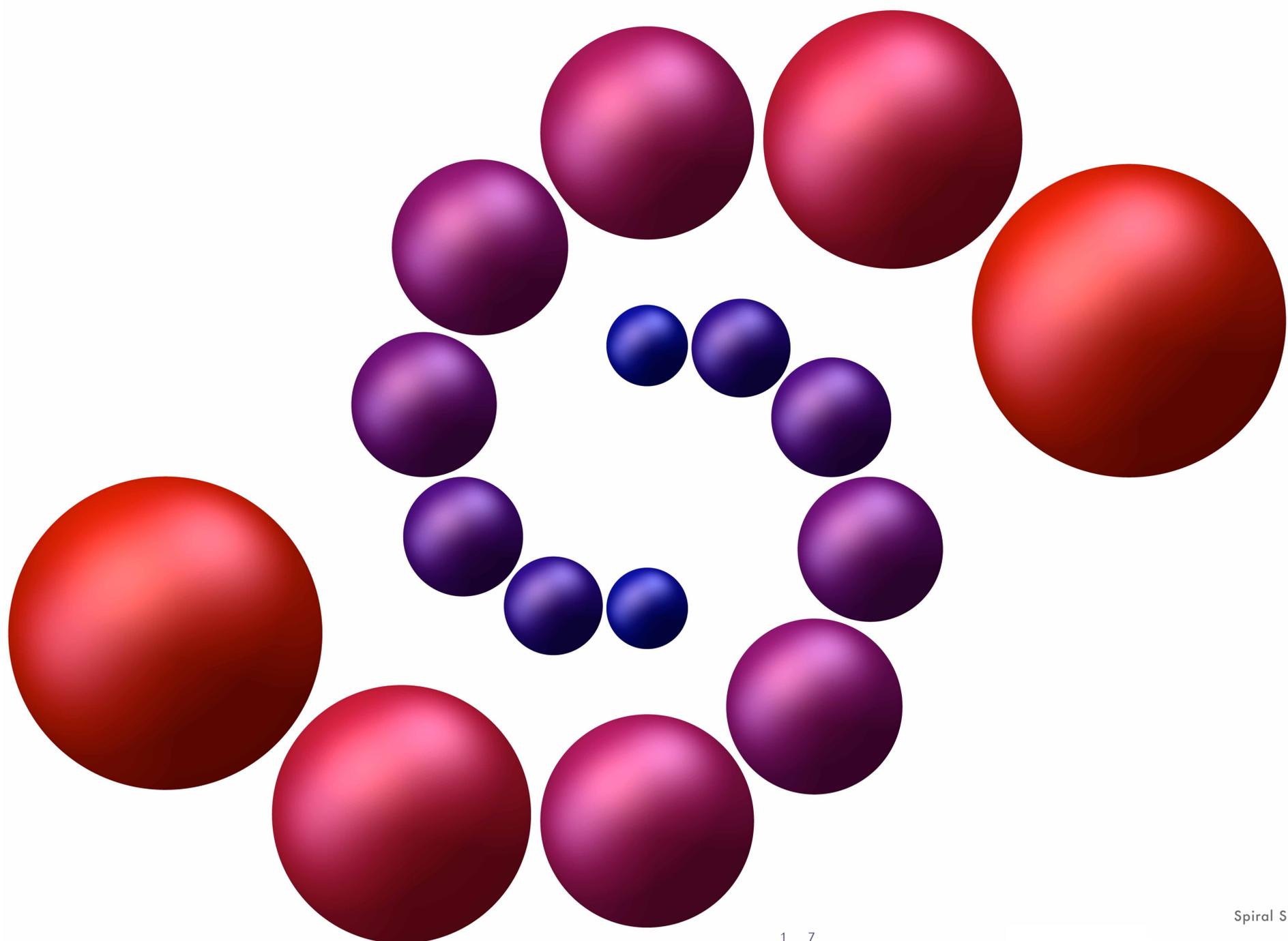# NIMS
IMAGINARY

The succesfull interactive
mathematics exhibition now in Korea

Spiral Spheres

$$0 = \prod_{k=0}^{1}\prod_{l=0}^{7}\left(\left(x - i^{2k}\psi_x\left(\tfrac{\pi}{5}l\right)\right)^2 + \left(y - i^{2k}\psi_y\left(\tfrac{\pi}{5}l\right)\right)^2 + z^2 - \left(\tfrac{\pi}{10}\left\|\Psi\left(\tfrac{\pi}{5}l\right)\right\|\right)^2\right)$$

$$i^2 = -1, \quad \Psi(t) = (\psi_x(t), \psi_y(t)) = (e^{bt}\sin t, e^{bt}\cos t)$$
$$b = \tfrac{2\ln\phi}{\pi}, \quad \phi = \tfrac{1+\sqrt{5}}{2} \text{ (golden ratio)}$$

13th—20st
August 2014
Seoul

IMAGINARY is an interactive mathematics exhibition and open platform for mathematical exhibits. It was shown more than 120 exhibitions in 25 countries and attracted over 1 million visitors worldwide. IMAGINARY presents visualizations, interactive installations, virtual realities, 3D objects and their theoretical background in an attracting and understandable manner. Visitors are invited to interact with the exhibits and create their own mathematical artwork. Mathematical insights will be given by demonstrators for all audiences.
A unique science & arts experience, entry and tours are free! For the first time in Korea!

COEX 1
59 Samseong 1(il)-dong
Gangnam-gu
Seoul, South Korea

Opening Hours:
13th: 1 pm - 6 pm
14th- 20th: 9 am - 6 pm
17th: closed

Mathematisches
Forschungsinstitut
Oberwolfach
Member of the Leibniz Association

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Presented by the National Institute of Mathematical Sciences (NIMS) in collaboration with the ICM committee and the Mathematisches Forschungsinstitut Oberwolfach (MFO).

imaginary.org/nims