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Kubikzahlen

1 Worum geht es?

Zweidimensionale Visualisierung der Kubikzahlen mit Vierecken. Diese sind angenähert Quadrate. Dies ist am Rand der Figuren gut sichtbar. Die Anzahl der Vierecke ist jeweils eine Kubikzahl.

2 Beispiele

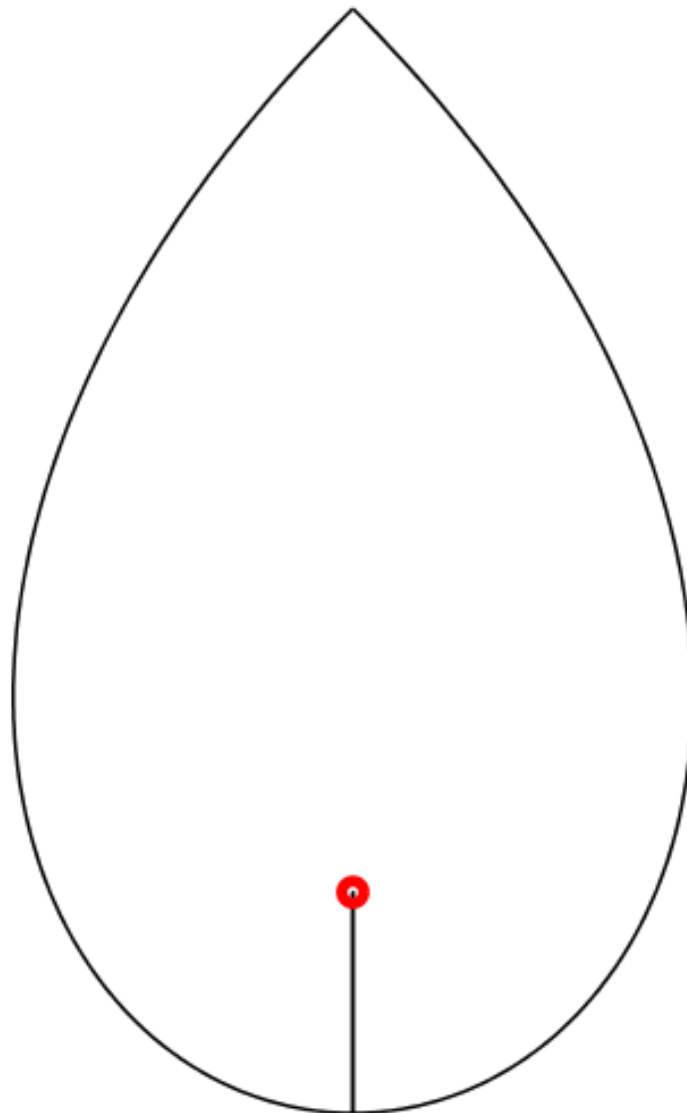


Abb. 1: $1^3 = 1$

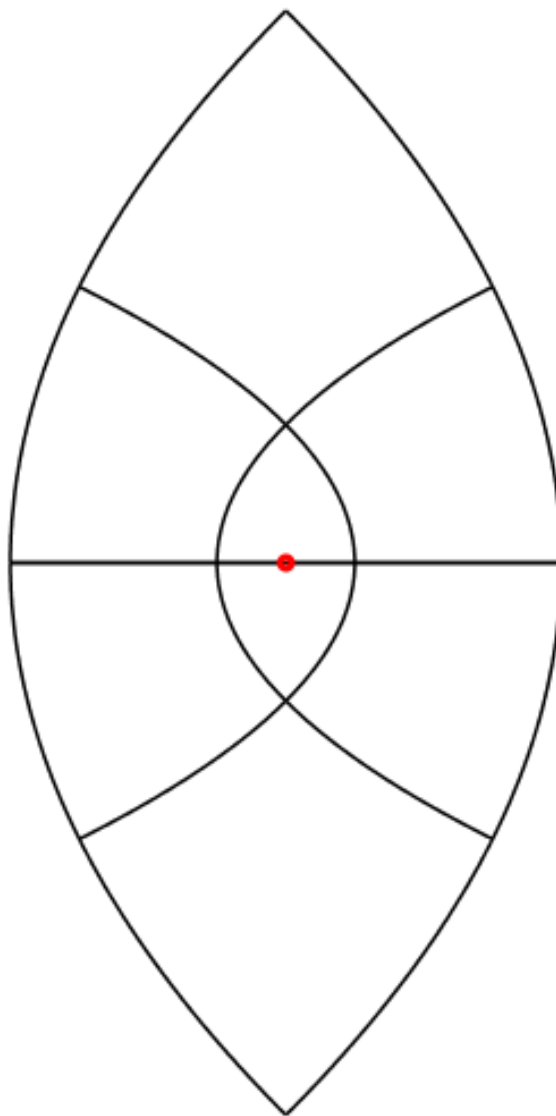


Abb. 2: $2^3 = 8$

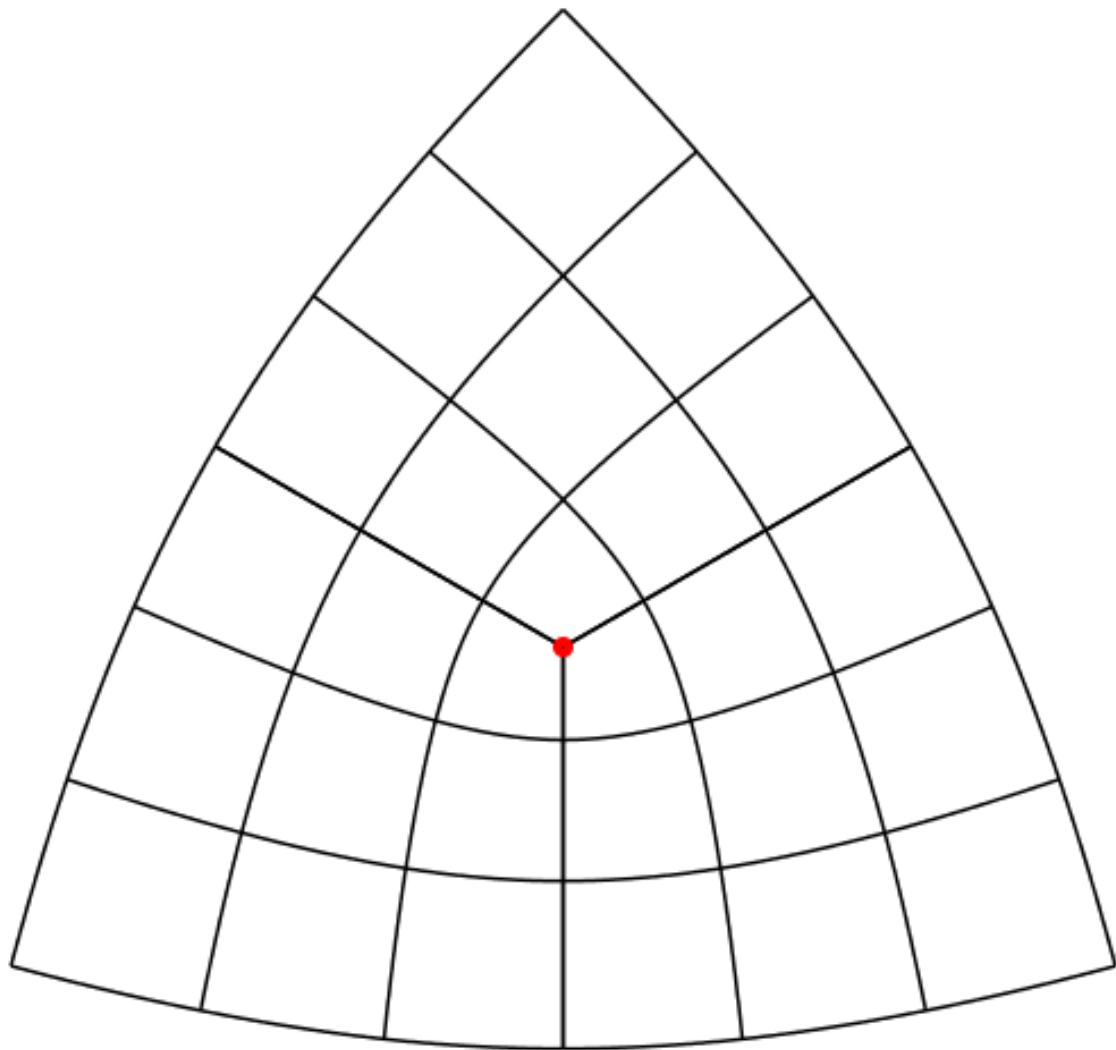


Abb. 3: $3^3 = 27$

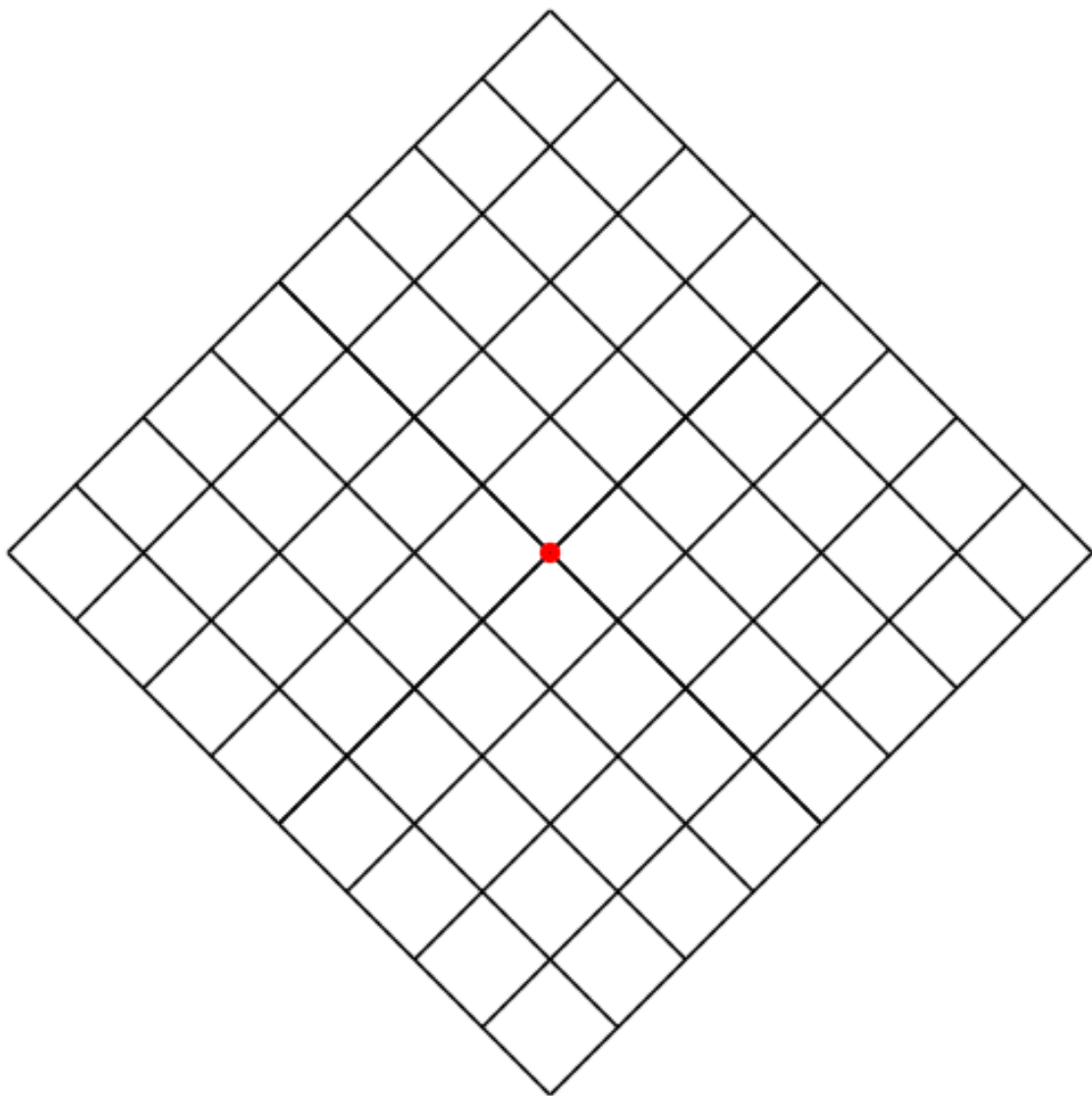


Abb. 4: $4^3 = 64$

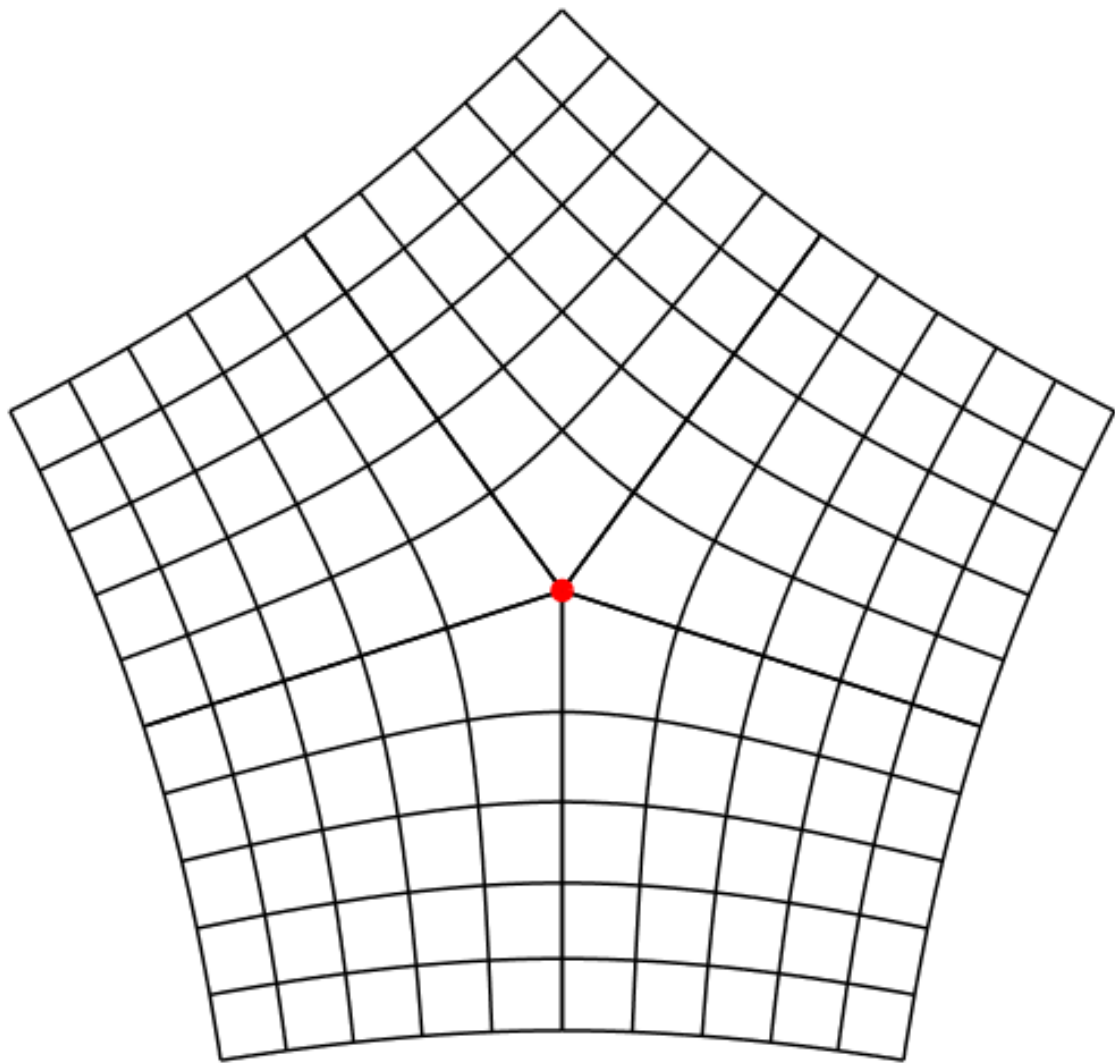


Abb. 5: $5^3 = 125$

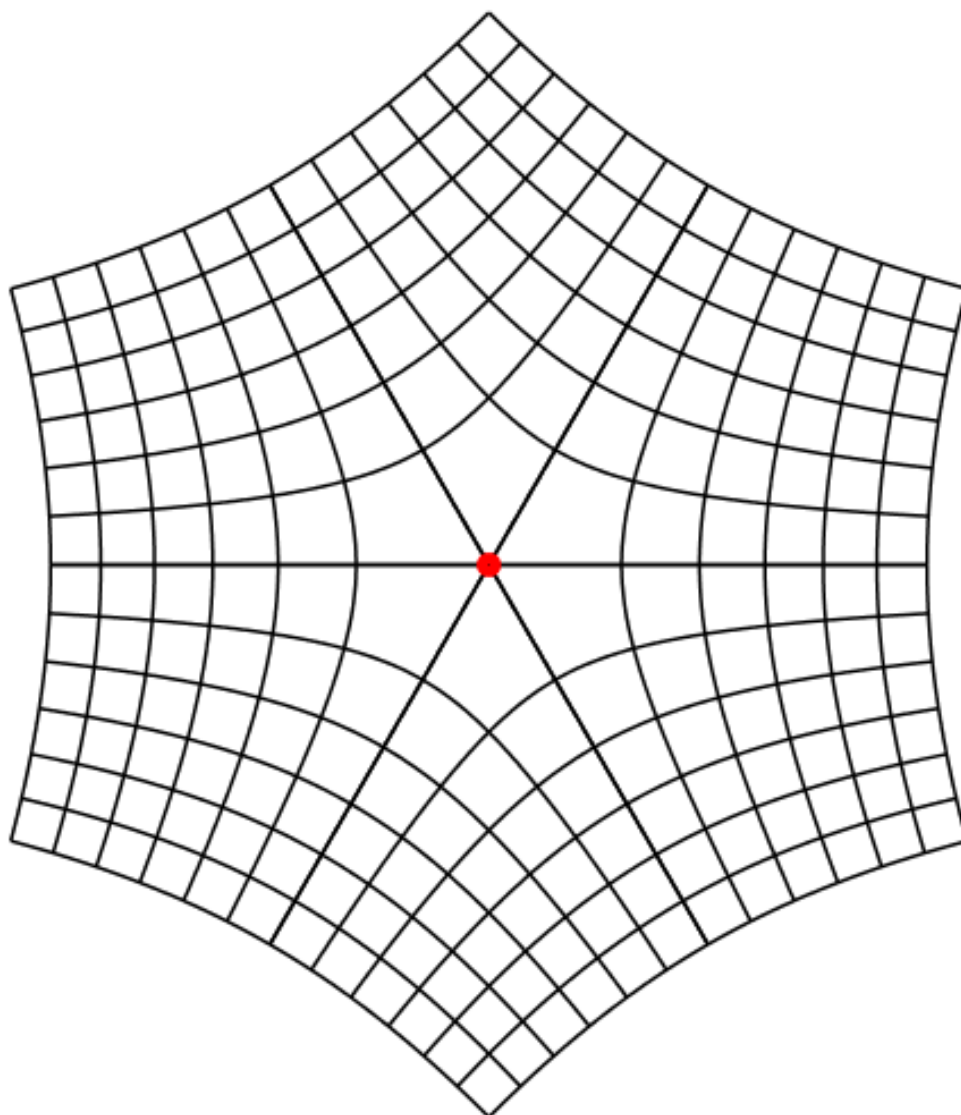


Abb. 6: $6^3 = 216$

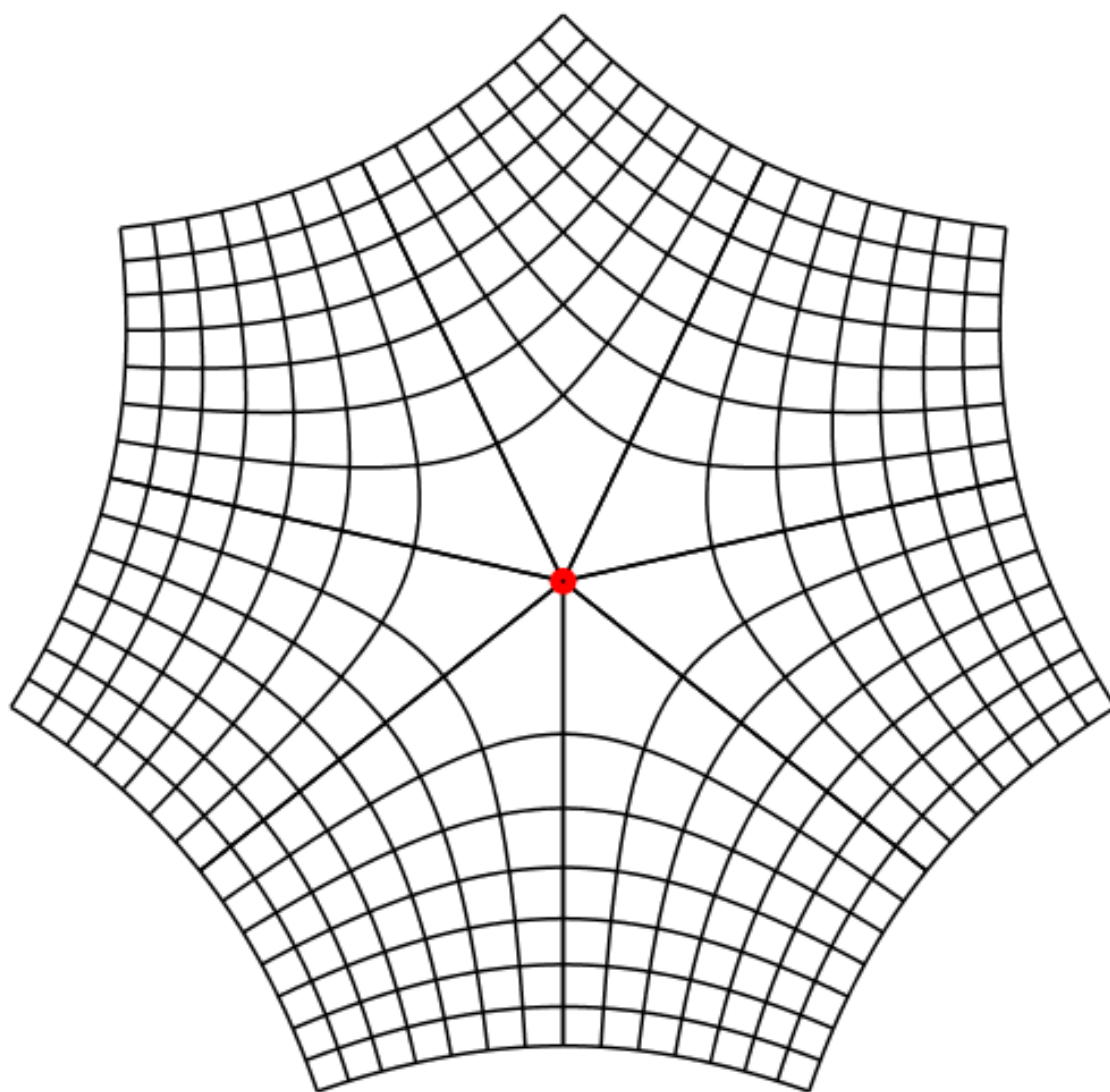


Abb. 7: $7^3 = 343$

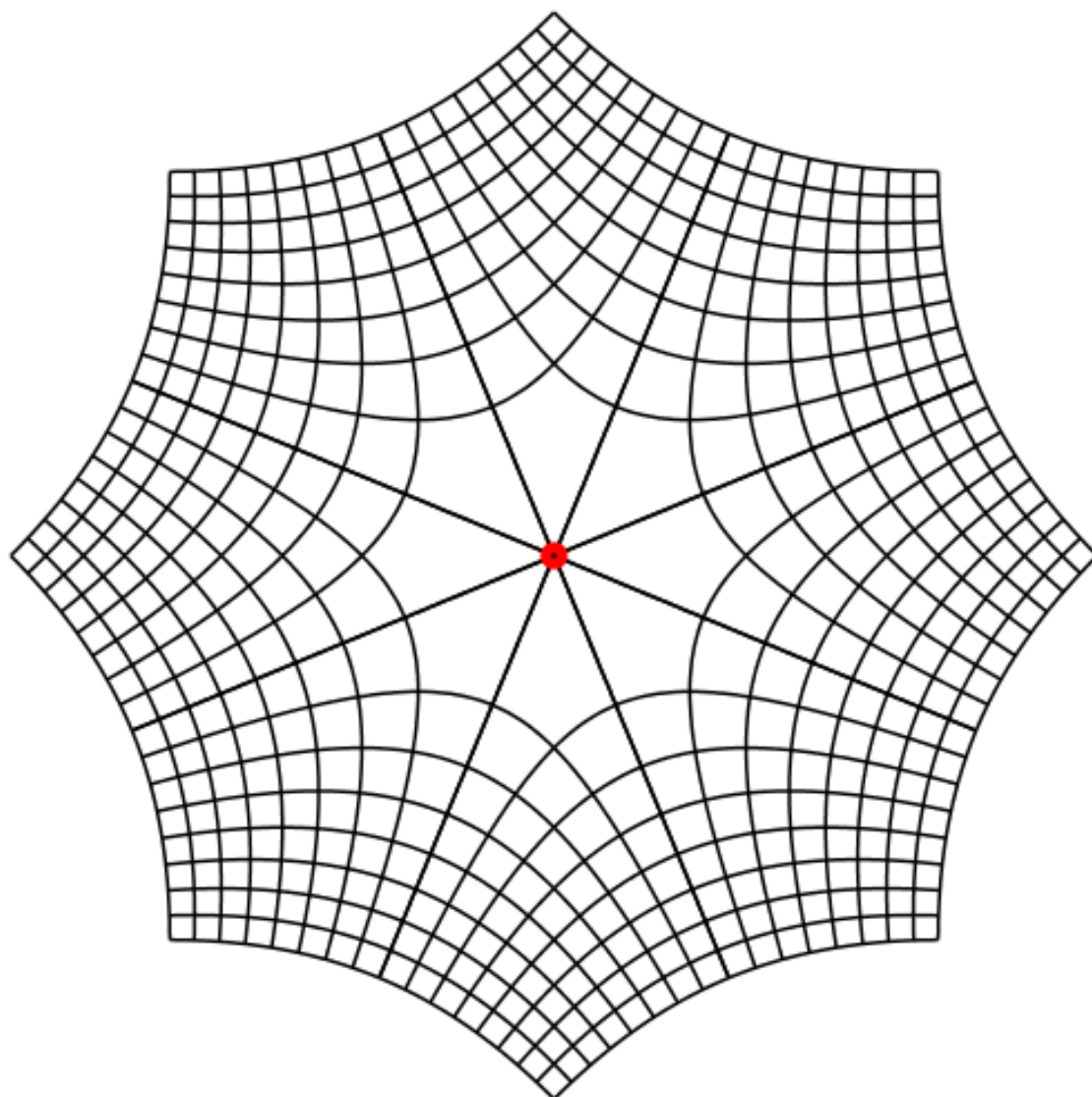


Abb. 8: $8^3 = 512$

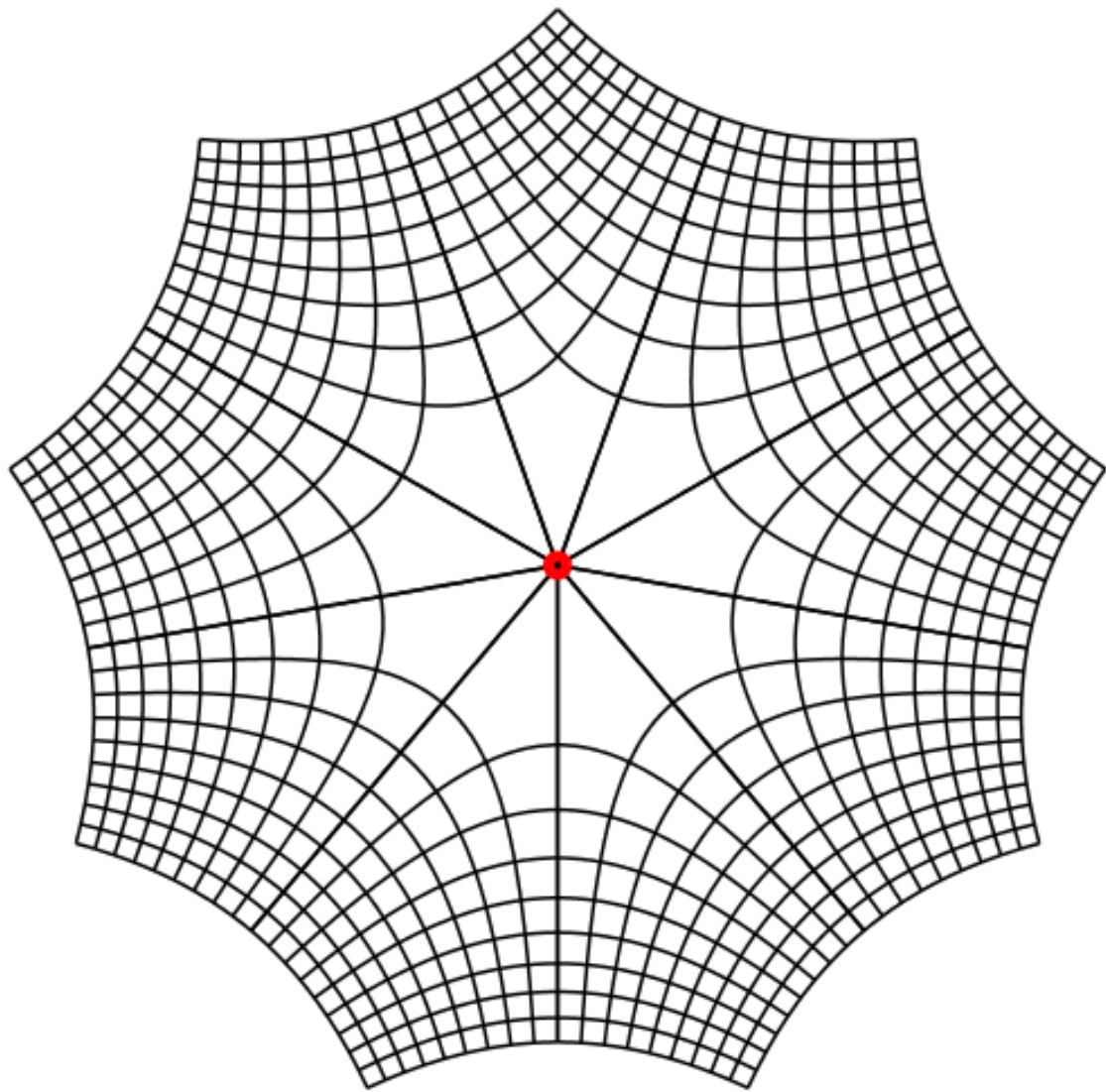


Abb. 9: $9^3 = 729$

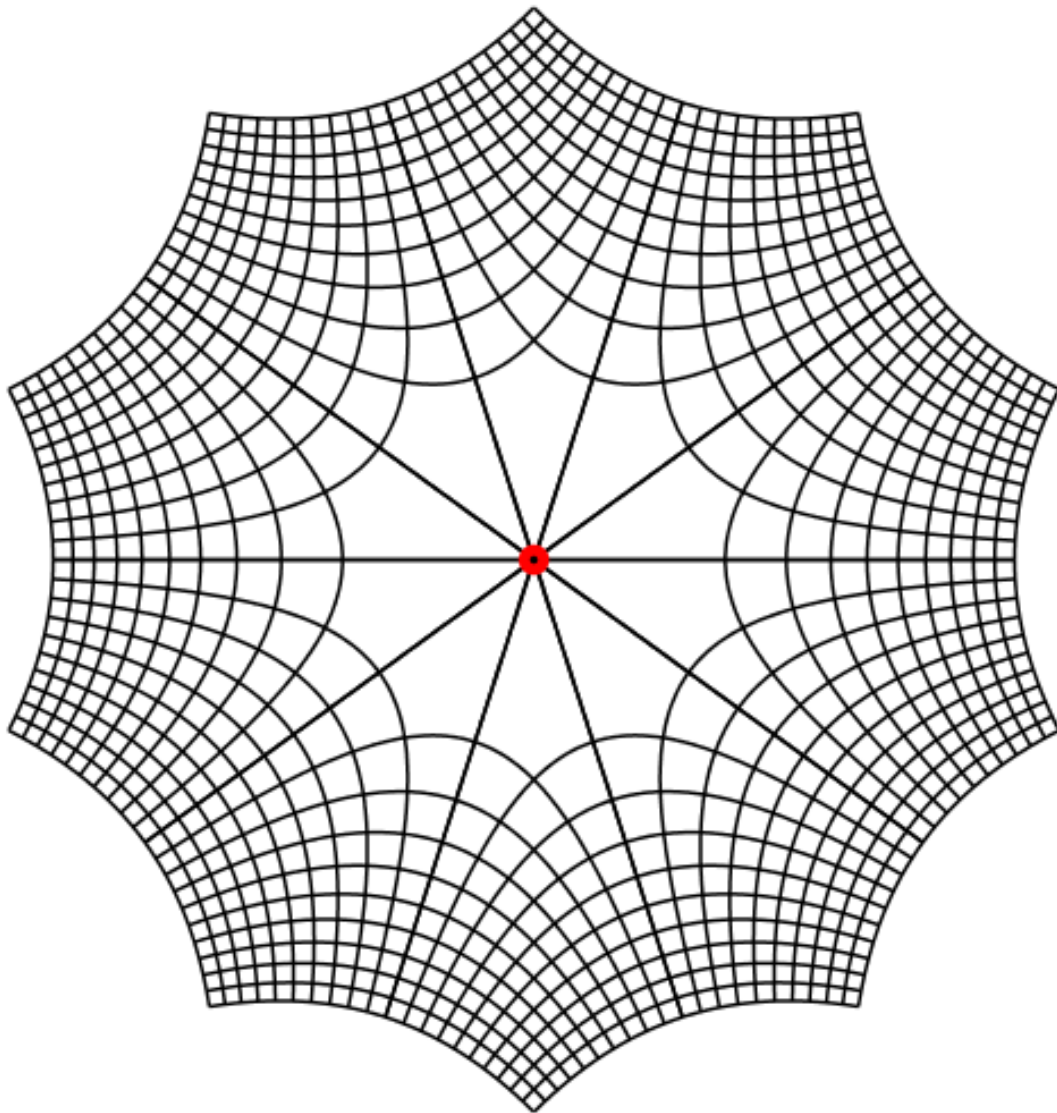


Abb. 10: $10^3 = 1000$

Websites

Hans Walser: Kubikzahlen

<http://www.walser-h-m.ch/hans/Miniaturen/K/Kubikzahlen/Kubikzahlen.htm>