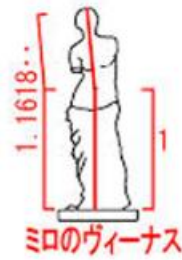
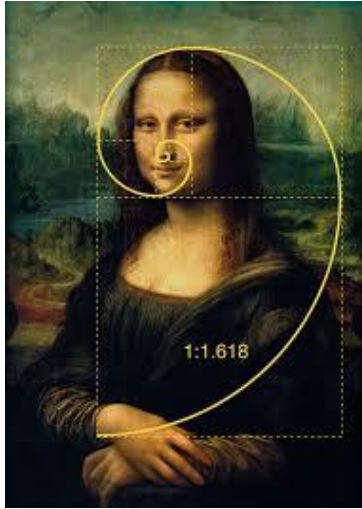
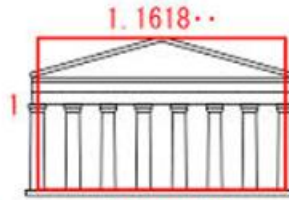


黄金比

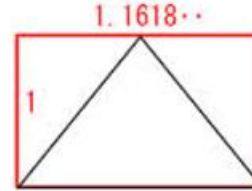
Golden ratio



ミロのヴィーナス



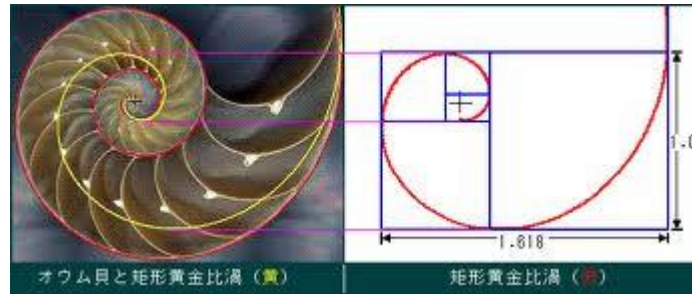
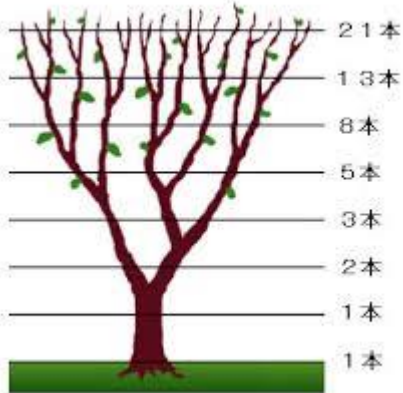
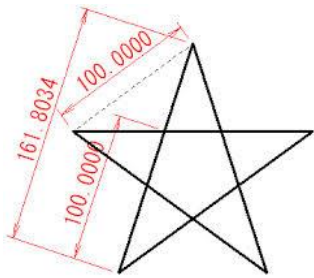
パルテノン神殿



ピラミッド



黄金比(おうごんひ)、近似値は 1 : 1.618



オウム貝と矩形黄金比渦 (黄)

矩形黄金比渦 (赤)



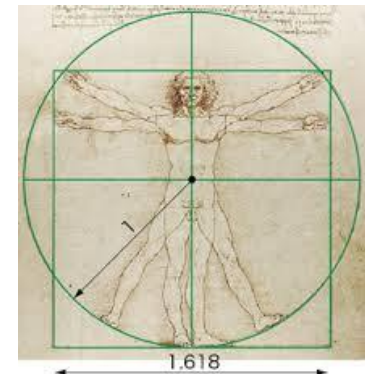
出典: <http://gakuen.gifu-net.ed.jp/~contents/museum/golden/page62.html>

出典:
<http://suecco.com/blog/19.html>

<https://ameblo.jp/motoharu567/entry-12229724431.html>

<https://ameblo.jp/navi-staff/entry-11548374231.html>

<http://ggdesign.blog48.fc2.com/blog-entry-92.html>



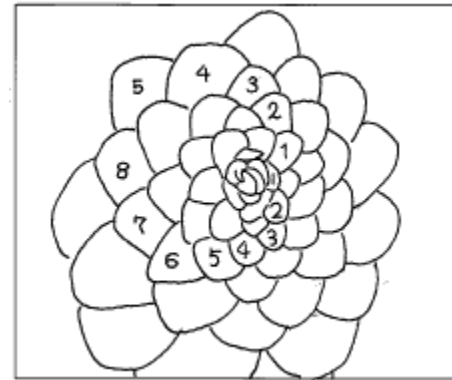
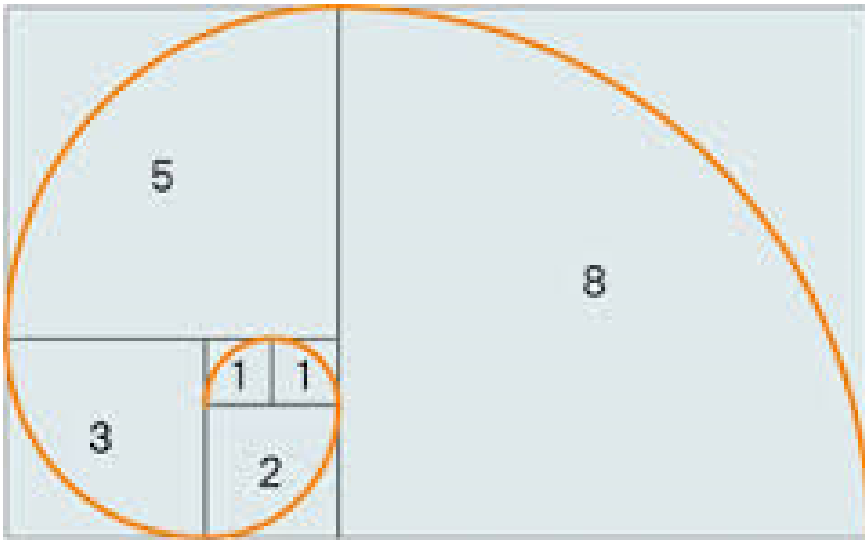
フィボナッチ数列 Fibonacci series

1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233,

$\frac{1}{1}, \frac{2}{1}, \frac{3}{2}, \frac{5}{3}, \frac{8}{5}, \frac{13}{8}, \frac{21}{13}, \frac{34}{21}, \frac{55}{34}, \frac{89}{55}, \frac{144}{89}, \frac{233}{144}, \dots\dots\dots$

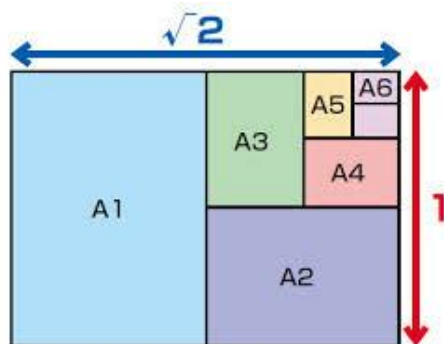
1, 2, 1.5, 1.667, 1.6, 1.625, 1.615, 1.619, 1.618, 1.618, 1.618

黄金比 Golden ratio

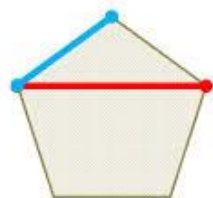


出典: http://org.kk-online.jp/assets/images/7_2.gif

白銀比 Silver ratio



出典:
<https://blogs.yahoo.co.jp/sakanaireguioyaji/64835349.html>



黄金比

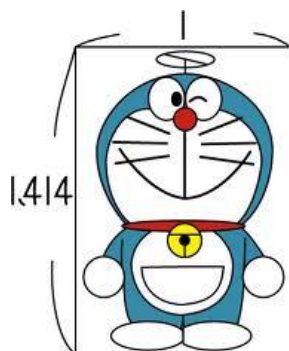
1 : 0.618



白銀比

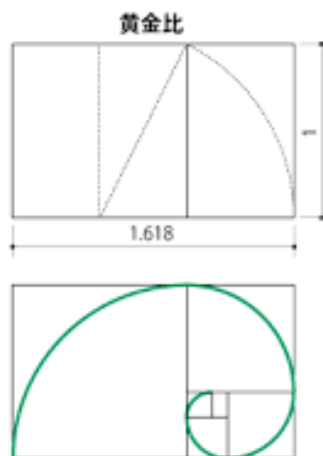
1 : 1.414

出典: <http://www.biwako.shiga-u.ac.jp/sensei/mnaka/ut/sozai/etc.html>

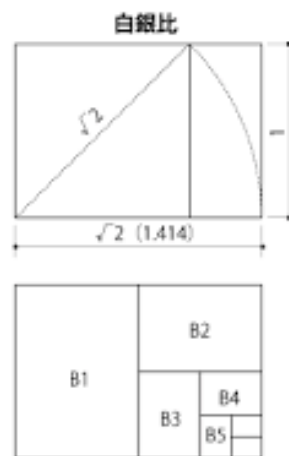


1 : 1.414

出典: <http://sansea.seesaa.net/>

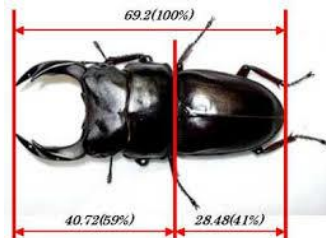


黄金比



白銀比

出典: <http://ggdesign.blog48.fc2.com/blog-entry-106.html>



出典:
<https://blogs.yahoo.co.jp/aki12mari/17103690.html>



出典: http://irohacross.net/2012/10/silver_ratio.html

出典:
<http://sciencewindow.jst.go.jp/html/sw17/sp-002>