

# EOLAR ÁRA NA h-ÉIREANN

## II

Summary: fáinne Spairneach

spherical: degree, minute, second  
Radian and 3.14

mathematical: (yard x 2), foot, inch  
1.618, 0.618, 2.618

Longitude + latitude  
metre (39.37")

### dimensions:

outer circle (d): 210' a

inner circle (d): 150' b

R = Radian

James Stevens: h = 50.5" ; l = 62.5"

Grom dubh: h = 101.13 l = 81.5"

$$62.5 + 101.13 \div 101.13 = 1.618 \Rightarrow 101.13 \div 62.5 = 1.618$$

$$11 \quad \div 62.5 = 2.618 \Rightarrow 62.5 \div 101.13 = 0.618$$

### Golden Spiral Squares:

13 = 101.13

8 = 62.233

5 = 38.89

3 = 23.337

2 = 15.55

1 = 7.779

sequence

tends

towards

1.618

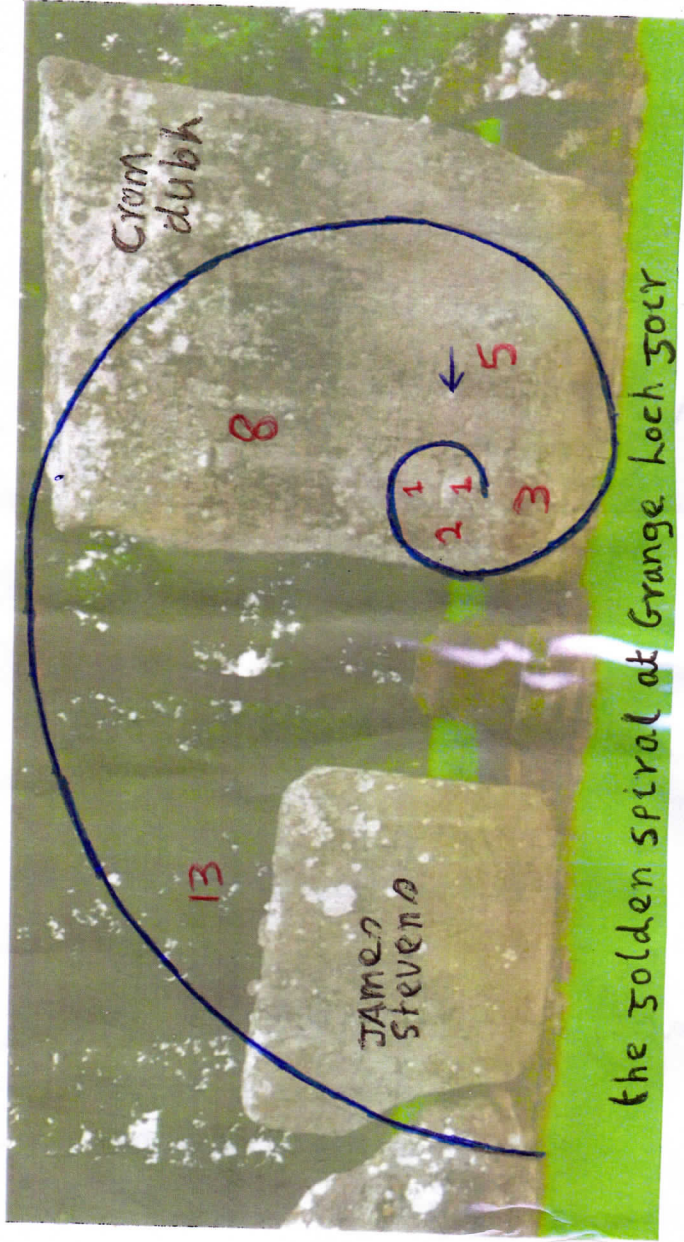
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the golden number (golden section/divine proportion)

President of the Irish Republican Brotherhood, I.R.B.

William James McGuire

Mr. ?



the Golden spiral at Grange Loch 50yr

### Golden sequence:

1, 1, 2, 3, 5, 8, 13, ...

height of Crom dubh = 1 second of Latitude 101.13" = 12:1 ratio (12 inches = 1 foot)

width of James Stevens = 1 second of longitude 62.5" = 12:1 ratio (12 inches = 1 foot)

1 second of latitude = 101.13 feet

1 second of longitude at Grange stone circle = 62.5 feet

A rectangle measuring 184.5 x 101.13" can be constructed around the Crom Dubh and James Stevens stones which reveals an angle of 51.829125°

Angle of Great Pyramid = (51.85397361°) bottom.

∴ 90° - 51.82° = 38.1758° = Top angle of Great Pyramid?

tan(38.17°) x 4 = 3.14 = (ancient Irish constant)

Q.E.D. 50d

William James McGuire

Mr. ?

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AN CRAIT ÓRJA  
bíseac

(the golden spiral  
sequence)

10c 50yr II  
(observed)



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