

Q Song
Walter Smith, 9-23-01 (Chords by Marian McKenzie)
(To the tune of “till we get to Buffalo”)

Optional Instrumental Intro

Am G C Dm C G7 C

C G7 C (G7)
Put omega-naught on the top

C G7 C (G7)
And gamma down below

C G7 C F
For a mass and spring it's a quality thing!

C G7 C G7
It's a magical ratio-o-o

C G7 C
It's a magical ratio.

C G7 C (G7)
Draw a power curve peaked at f,

C G7 C (G7)
With a width delta-f just so,

C G7 C F
Divide that f by that delta-f –

C G7 C G7
It's the very same ratio-o-o

C G7 C
It's the very same ratio.

[Slowing down at the start and middle of the verse, then *a tempo* at the end of the verse]

C G7 C (G7)

Near zero frequency

C G7 C (G7)

The response is kind of slow

C G7 C F

Divide that response into the peak response!

C G7 C G7

It's again the same ratio-o-o

C G7 C

It's again the same ratio.

C G7 C (G7)

And who is this versatile fraction?

C G7 C (G7)

To whom is such honor due?

C G7 C F

She's the queen serene of the bouncing scene,

C G7 C G7

But we all just call her Q-oo-oo,

C G7 C

But we all just call her Q.