The Patriotic Analysis Rap
By aBa on July 3\textsuperscript{rd} 2009

(This rap is for Mathematics[specifically Real and Complex Analysis] and for the good ole patriotic US of A.)

O to the B to the AMA – that spells Obama o’ duh USA
But this ain’t no rap of a political sort
I just threw that in cuz tomorrow’s the fourth.

So why are you in class when it’s summer Va-Kay?
And to boot today is a school holiday!
The building you’re in wasn’t even unlocked!
No maintenance. No library. No one’s on the clock.

So why are you here on the 3\textsuperscript{rd} of July?
Are you outta your minds OR is you high?
I think it’s a bit unpatriotic
To follow the whims of your TA who’s clearly psychotic.

You’re ANAL, you’re ANAL, you’re ANAL – all of yous.
You’re anal about qualifying and payin’ math dues.

*** Let’s get to some math rhyme now ***
*** Can I get a beatbox (Kilgore?) ***

This rhyme will be divided like the days of Segregation
First we get REAL, then we do some Complex Integration.

*** THE REAL ***

Like my man Littlewood says – you got 3 principles!
The 1\textsuperscript{st} principle is about any measurable set.
It’s nearly a finite union of intervals – don’t forget!
The 2\textsuperscript{nd} principle is like wayyyy obvious
Every measurable function is nearly continuous.
Last one is clean and smells like detergent
Every convergent sequence of measurable function is nearly uniformly convergent.

But to pass the Real Qual, you ain’t need to know that jive.
You just need a tattoo of Fatou on your backside.
The integral of f is less than/equal to the lim inf of the integral of f sub n
Put that on your skin and qual pass it will send.

Enuf o’ this stuff there’s no mo’ time to get Real.
Let’s go to the complex, the imaginary, the concealed.

*** THE COMPLEX ***

Do you feel alone? Have you got an insecurity?
Qual shit’s got you feelin like an isolated singularity?
All of a sudden divine voices from the upper half plane say
Don’t despair child if you’re feeling isolated at z=a.

If the limit as z goes to a of (z-a)f(z) equals zero,
Then Lord Jesus! YOU’RE SAVED! by a removable singularity hero!

There’s lots more to say about residues and sh*t
but rhyme got too long now. I’m done with this bit.

Time to wrap this up now.

*** Can I get a patriotic beat (Kilgore)? ***
*** THE PLEDGE OF ANALYSIS ***

I Pledge allegiance to the math of the United States of Analysis
And to the convergence for which it tends
One function – even or odd
Indivisible
With continuity and Lebesgue measurablility for all . . . .
(epsilon > 0)
Chicks dig dudes who know that \( \sin(z) = 2 \) has solutions in the complex plane.

When I grow up, I wanna have pretty hair like Jonas\(^1\).

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\(^1\) Jonas Meyer was my office mate in our grad student office at Univ of Iowa. Currently, he is an Asst. Prof. of Mathematics at Loras College. Jonas had long hair in grad school.