Subject: Re: Hypergeometric functions
Posted by Craig Markwardt on Tue, 30 Oct 2001 15:24:21 GMT
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colinr@toliman.uio.no (Colin Rosenthal) writes:

> On Mon, 29 Oct 2001 20:34:17 -1000,
> Ralf Flicker <rflicker@gemini.edu> wrote:
>
>> Yes, that's what I ended up doing, and it works fine. I realize
>> the function is somewhat special (the only substantial reference
>> to 2F3 that I could find on the web was to a Mathematica
>> implementation), but I was partly fishing for information in
>> general about these kinds of special functions. As you say, IDL
>> is a mite weak on this point.
>
> There's a book by Slater which contains formulae for asymptotic expansions
> etc. of hypergeomtric functions. The book is called, fascinatingly
> enough, "Hypergeometric Functions" and is a rip-roaring read. If you
> find yourself enthralled by the lyricism of her chapter on integral
> representations, may I recommend her thrilling sequel "Confluent Hypergeometric
> Functions"?

I cried in the fourth chapter. (sniff)

Craig

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