
Subject: Re: Fredholm integral equation

Posted by [Bill Nel](#) on Tue, 01 Jul 2014 19:46:59 GMT

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On Tuesday, July 1, 2014 1:52:35 PM UTC-4, Gompie wrote:

> Dear All,

>

> I wish to solve a Fredholm integral equation of the first kind. Is there an idl routine that can do this.

>

> My Equation is of the kind

>

>

>

> knownfunction = integral(knownfunction X unknownfunction)

>

>

>

> -GlanPlon

If you're willing to discretize your integral equation, there are built-in routines for solving matrix equations, e.g.,

`knownVector = knownMatrix ## unknownVector`
