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