
Subject: Re: Fredholm integral equation
Posted by [Gompie](#) on Wed, 02 Jul 2014 18:54:07 GMT
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Thanks once again for the suggestion. I guess the following thing should work.

Trapezoidal rule can be written as

$$0.5 * [(x_2 - x_1)f(x_1) + (x_3 - x_1)f(x_2) + (x_4 - x_2)f(x_3) + \dots].$$

Here $f(x) = \text{knownfunction} * \text{unknownfunction}$.

The above expression is a ## multiplication of two vectors hence is respresentable as a expression you mentioned in your message (i.e knownVector = knownMatrix ## unknownVector)
-GlanPlon
