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M Bachar (mbachar@ksu.edu.sa), Department of Mathematics, King Saud University, Riyadh, Saudi Arabia, and **M A Khamsi*** (mohamed@utep.edu), 500 West University Ave, El Paso, TX 79968. *On nonlinear Fredholm equations in Banach spaces.*

In this talk, we investigate the solutions of the following Fredholm integral equation

$$x(t) = g(t) + \int_I f(t, s, x(s)) ds.$$

This equation may not have a solution in general. Also it may or may not have a unique solution. Throughout this talk, we assume that I is a bounded or unbounded interval of \mathbb{R} . (Received November 14, 2016)