# Bases and Comparison Results for
Linear Elliptic Eigenproblems.

from JMAA (390), 2012, pp 394-406.

On page 398, 3rd paragraph the definition of $ker(M) = V_0$ should be

$$u \in ker(M) \quad \text{provided} \quad m(u,v) \;=\; 0 \quad \text{for all } v \in V.$$

Also (4.4) should read $\quad \tilde{e}_j(x) := \sqrt{\lambda_j}\; e_j(x).$

In condition (A5), imbedding is a misnomer. A better statement is the following

(A5) There is a real Hilbert space H with inner product $(.,.)_H$ and a compact linear mapping $L : V \to H$ with dense range such that $m(u,v) = (Lu, Lv)_H$ for all $u, v \in V$.

The results in the paper that used (A5) all hold with this version of the condition. That is, no imbedding (1-1) properties were used.