

1 MacKichan Software

MacKichan mathematics software products are based on an easy-to-use but powerful mathematical word processor. All provide reading, browsing, and printing of .tex files.

1.1 Enhanced Mathematics

MacKichan software products enhance the production of beautiful typeset mathematics.

1.1.1 Products Suited to Your Needs

Choose the product features that meet your needs:

1. Typesetting
2. Computing
3. Internet access

2 Mathematics in This Shell

The expression $\sum_{i=1}^{\infty} a_i$ is in-line mathematics, while the numbered equation

$$\sum_{i=1}^{\infty} a_i \tag{1}$$

is displayed and automatically numbered as equation 1.

Let H be a Hilbert space, C be a closed bounded convex subset of H , T a nonexpansive self map of C . Suppose that as $n \rightarrow \infty$, $a_{n,k} \rightarrow 0$ for each k , and $\gamma_n = \sum_{k=0}^{\infty} (a_{n,k+1} - a_{n,k})^+ \rightarrow 0$. Then for each x in C , $A_n x = \sum_{k=0}^{\infty} a_{n,k} T^k x$ converges weakly to a fixed point of T .