

Análise Matemática II
SOLUÇÕES LISTA 2

- (1)
- (2) (a) conv
(b) conv
(c) conv
(d) conv
(e) conv
(f) conv
(g) div
- (3) (a) div
(b) div
(c) conv
(d) conv
(e) div
(f) conv
(g) div
(h) conv
(i) conv
(j) conv
(k) conv
(l) div
(m) conv
(n) conv
- (4) (a) $\sum_{n=1}^8 \frac{(-1)^n}{(n+1)^2}$
(b) $\frac{1}{25}$
- (5) (a) simp conv
(b) div
(c) abs conv
- (6) (a) abs conv ($\alpha > 1$), simp conv ($0 < \alpha \leq 1$), div (o.c.)
(b) abs conv ($\alpha \in]\frac{\pi}{2}, \frac{3\pi}{2}[$), div (o.c.)
- (7)