

Erratum

Emile A. Okal: Seismic Parameters Controlling Far-Field Tsunami Amplitudes: A Review, *Natural Hazards* 1: 67-96 (1988) (Received: January 1991).

Due to an algebraic error, the paragraph following Equation (5) on pp. 76-77 should read as follows:

y_2/y_1 itself is given by (2). In the limit $\kappa \rightarrow 0$, one has $y_2/y_1 \rightarrow \frac{4}{3}\mu k$, and $ly_3/y_1 \rightarrow -1/3$ [note change of sign]. Thus $K_0/l^2 K_2 \rightarrow 1$, and the radiation pattern $(1 + \cos 2\phi)$ actually has fully developed nodes in the direction perpendicular to faulting. However, in the more general case of a layered substratum, there is, in general, a difference for shallow sources between the rigidity at the source (μ_s) and the average rigidity controlling the impedance Z of the solid medium, and the radiation pattern of the T45 mechanism will depart significantly from its theoretical shape, as shown on Figure 6c.

Similarly, Figure 6 on Page 77 should be replaced by a new figure.

None of the conclusions of this paper is modified. We regret any inconvenience to the reader.

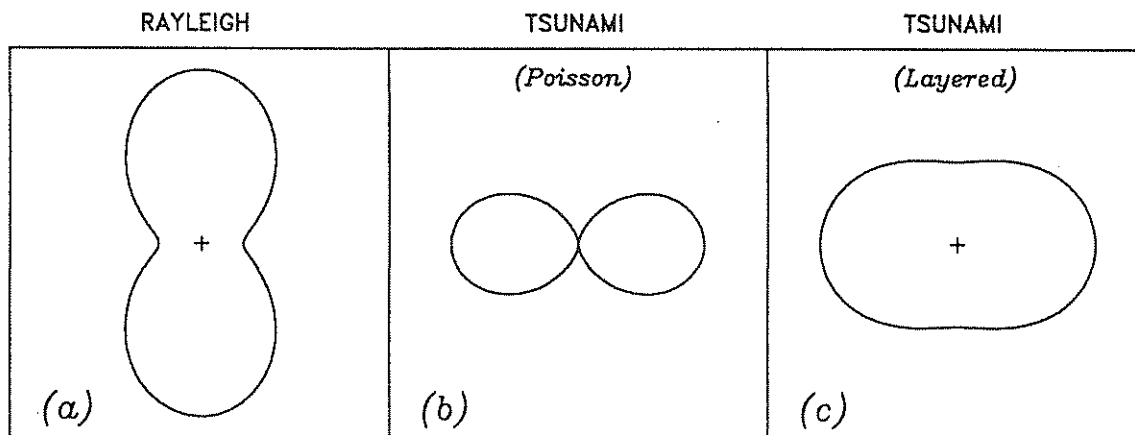


Fig. 6. Theoretical radiation patterns for Rayleigh waves (a) and Tsunamis (b), for a Poisson half-space, a shallow T45 source, and in the low-frequency limit. (c): Same as (b) for a realistic layered structure. The three scales are unrelated. In all cases, the strike of faulting is oriented from left to right.