

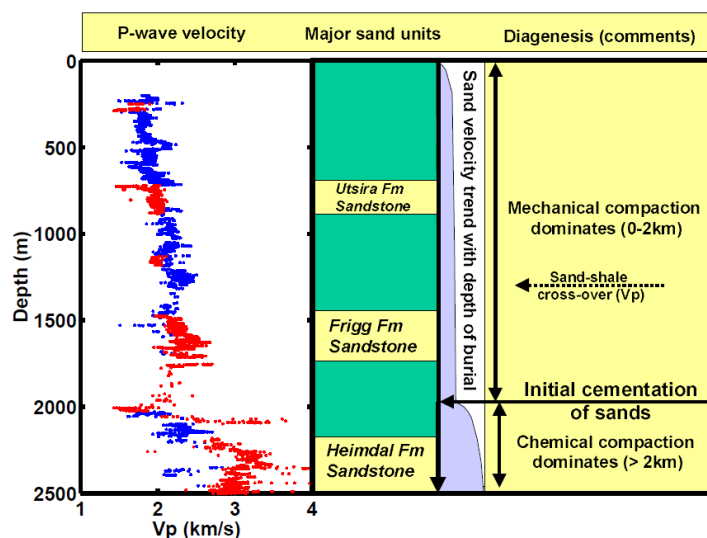
Errata to 'Seismic Amplitude: An Interpreter's Handbook'

Rob Simm - July 2022

- Foreword
 - Rob is now Director of Rock Physics Associates Ltd
 - Mike – passed away September 2016
- Page 7
 - 2nd para 5 lines up from bottom - Delete 'a'
- Page 11 – Eqn. 2.5 should read

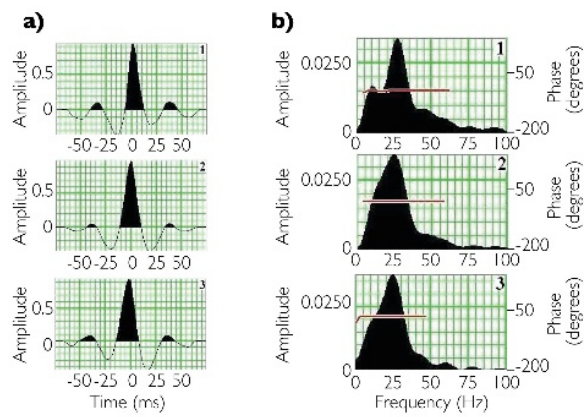
$$\emptyset = \frac{\rho_0 - \rho_b}{\rho_0 - \rho_{fl}}$$

- Page 23 – 2nd paragraph - Note ... another common threshold is the 'half power point'. Given that Power = Amplitude ratio² and dB=20log₁₀A (where A is the amplitude ratio), then power/2 = amplitude ratio of 0.707 and -3dB
- Page 25 – 2nd paragraph, 4th line - delete 'phase rotated zero phase'
- Page 63 – Fig. 5.8 (modified after Avseth 2000) – perhaps wrong to present curves as continuous – source illustration is shown below



- Page 74 – Fig. 5.24b – on y axis should read -0.8 not -.08
- Page 143 – Fig. 7.29a should read 'AVO projection' not 'full stack'
- Page 152 - table 8.1 should read 'coefficient'
- Page 155 – 2nd paragraph – should be '-0.0551' not '0.0551'
- Page 156 – Castagna lms line is erroneous as shown. The laboratory chalk data show particularly low Vs and this may be due to fluid-solid interactions.
- Page 163 – ignore vertical line in the centre of the illustration

- Page 209 – Fig. 9.22 third wavelet down was drawn wrongly should look like ...



- Page 228 – Fig. 10.10 I have been unable to reproduce these results, so the reader should be sceptical
- Page 231 – Fig 10.13a – well K location is absent on the book illustration – should look like ...

