Plots of the hazard function and the pdf of a series system with the previously discussed Weibull components. Key observations:
(1) The hazard is initially large but decreases to some minimum before increasing again, exhibiting both a high infant mortality rate and an aging process. This is a pattern we see in nature (e.g., humans).
(2) The pdf has a rather unusual form, a result of being a combination of Weibull distributions.