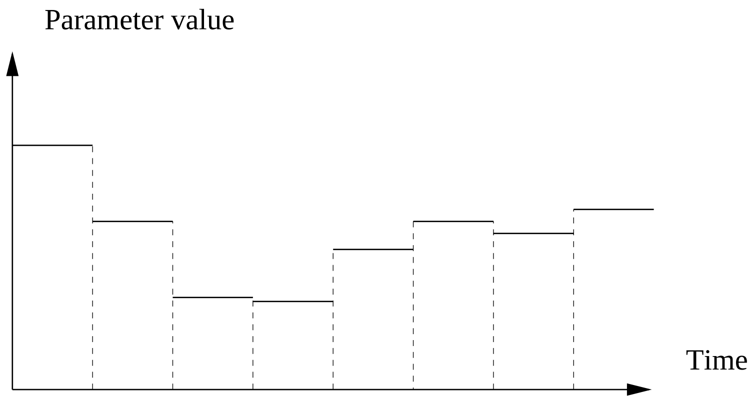
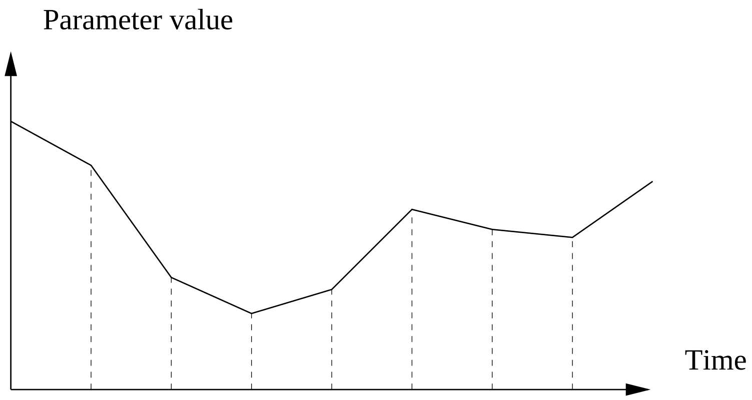
Interpolating IGS Ionosphere and Troposphere Values

IGS ionosphere map and troposphere delay values are given at 2-hour intervals, specifically for the times 01:00, 03:00, 05:00, ..., 23:00 UT. The user of these IGS products interested in a parameter representation which is *continuous* in time may ask the following questions:

- What is the recommended interpolation method?
- How shall he proceed with epochs before 01:00 and after 23:00 UT?



(a) Piece-wise, constant functions



(b) Piece-wise, linear functions