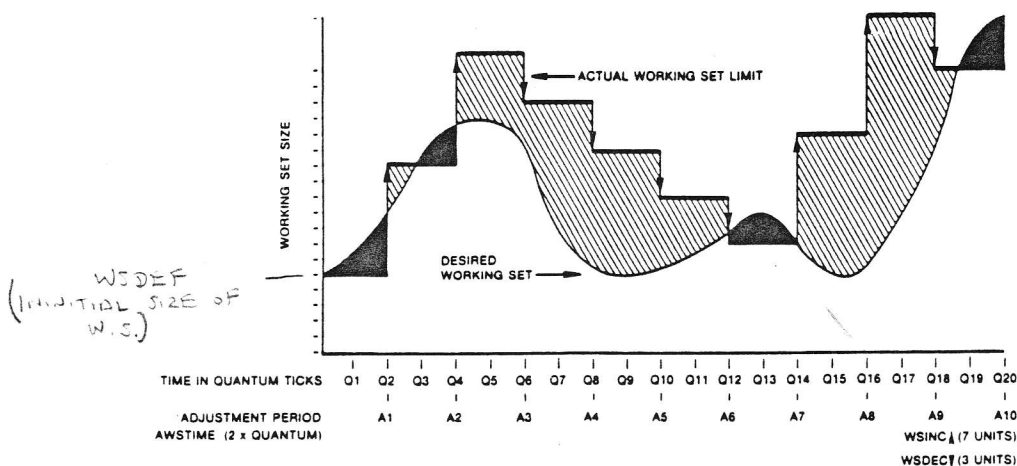## Figure 3.1
Illustration of AWSA Activity

Despite the above, except in very rare cases, explicitly controlled selection of working set size does not produce better results. AWSA should never be turned off.

← ✳ check

The procedure used by AWSA

- examines each process at an interval set by AWSTIME as part of QUANTUM end processing

- adds WSINC pages to WSLIMIT if the size of the working set is > 75% of WSLIMIT AND the process has been faulting at a rate greater than PFRATH.

   Note that no pages are actually added to the working set when AWSA increases WSLIMIT. This will happen as further page faulting occurs.

- removes WSDEC pages from the working set and reduces WSLIMIT accordingly if the process fault rate has been < PFRATL.

   upper L.

- will not extend WSLIMIT greater than WSQUOTA (or WSEXTENT if memory demand is light).