

## Statements related to setting parameters

The SEQUEL GUI allows element parameters to be set with the “property editor.” In addition, it is sometimes desirable to set a parameter of a given element inside a solve block, set it to another value in another solve block, and so on. The following statements may be used for that purpose.

- \* `set_parm S1_of_S2=I/R`  
 (S1,S2: strings, I: integer, R: real number)  
 corresponds to the GUI statement `set parameter`. This statement is used to set an integer or real parameter of an element. The parameter name is given by S1, and the element name by S2. The parameter value is specified by I or R.
- \* `set_parm S1_of_glbl=I/R`  
 (S1: string, I: integer, R: real number)  
 corresponds to the GUI statement `set global parameter`. This statement is used to set an integer or real global parameter S1. The parameter value is specified by I or R.
- \* `set_stparm S1_of_S2=R`  
 (S1,S2: strings, R: real number)  
 corresponds to the GUI statement `set startup parameter`. This statement is used to set a start-up parameter of an element (such as voltage across a capacitor or current through an inductor, see Chapter 8 of Part-1). The parameter name is given by S1, and the element name by S2. The parameter value is specified by R.