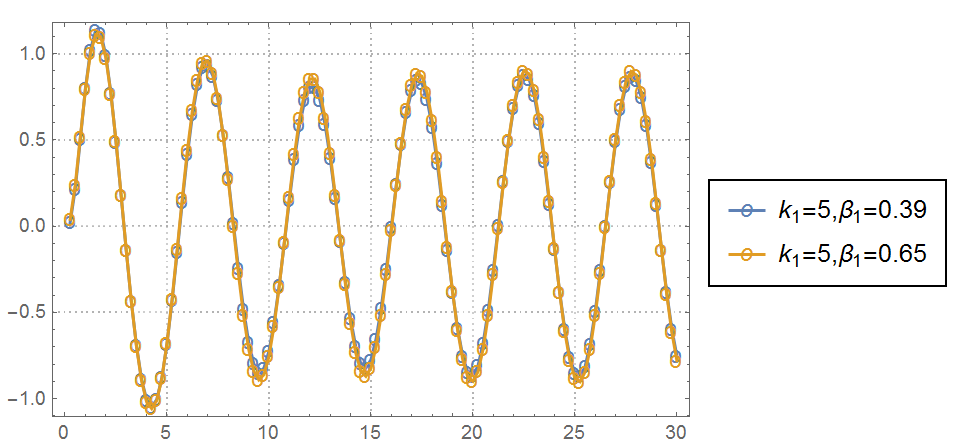
The given time integration method was solved to obtain , , , , , and (code attached on subsequent pages)

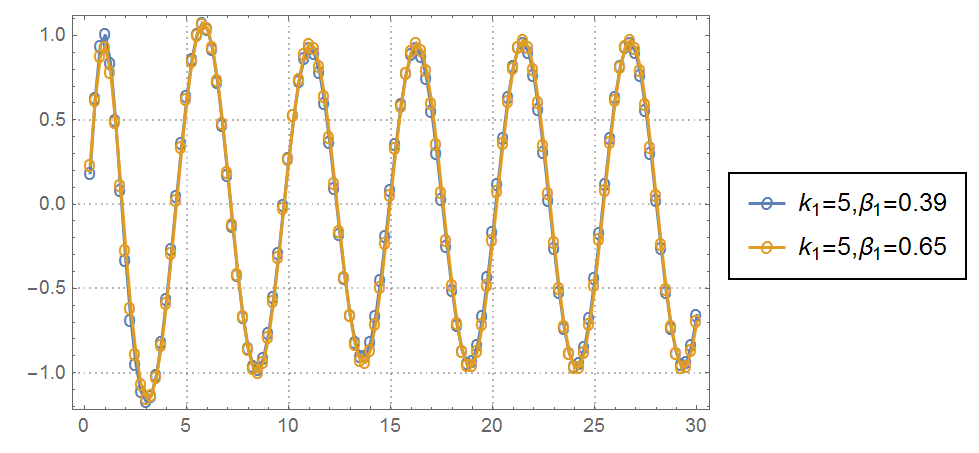
**At node 2**:

**For ,**

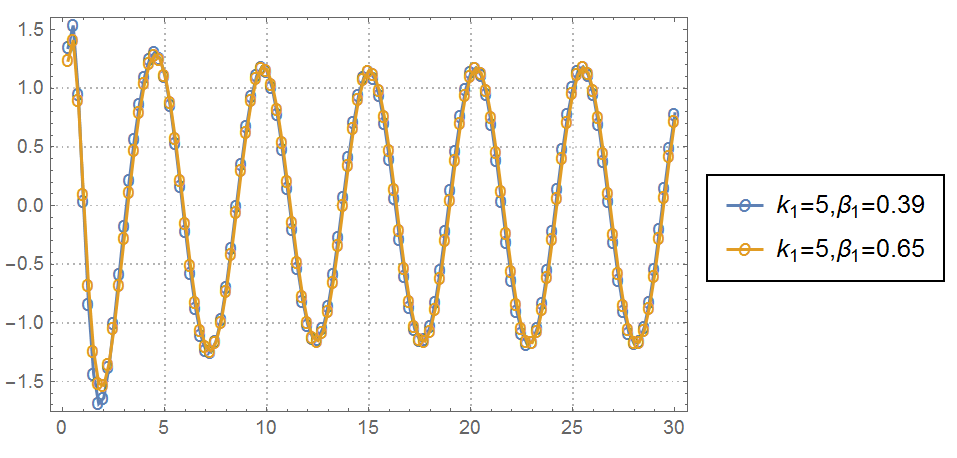
* the following figure gives with respect to time :



* the following figure gives with respect to time :

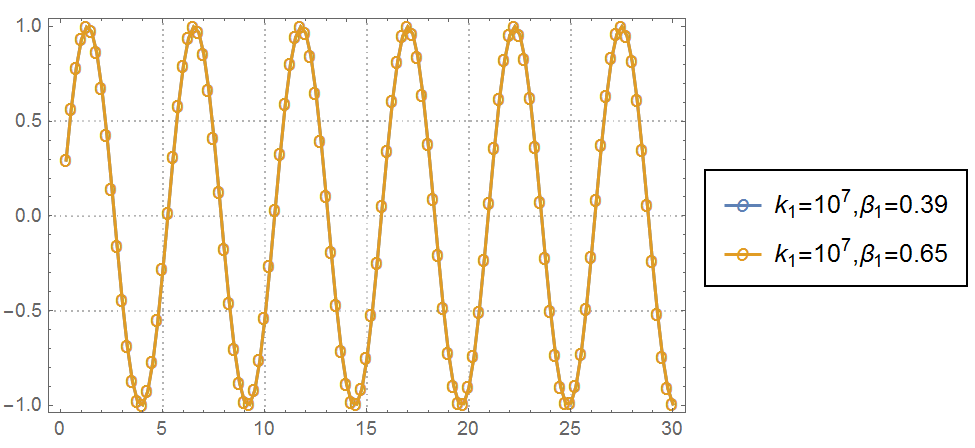


* the following figure gives with respect to time :

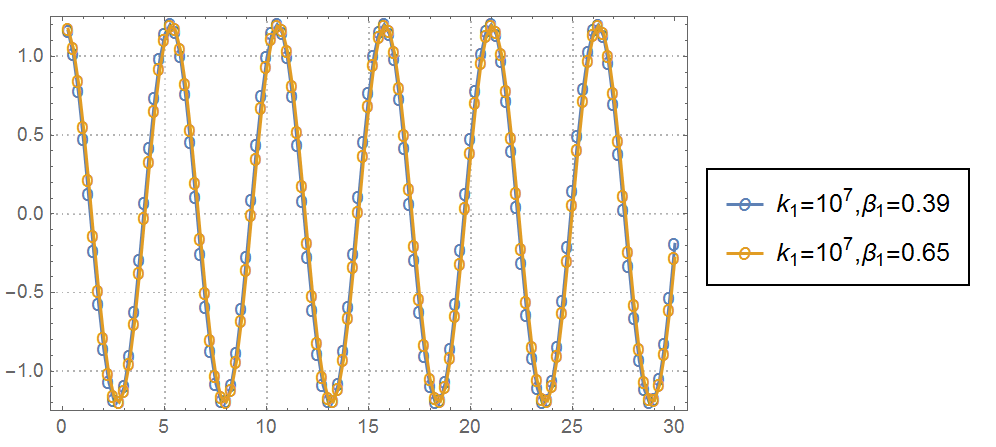


**For ,**

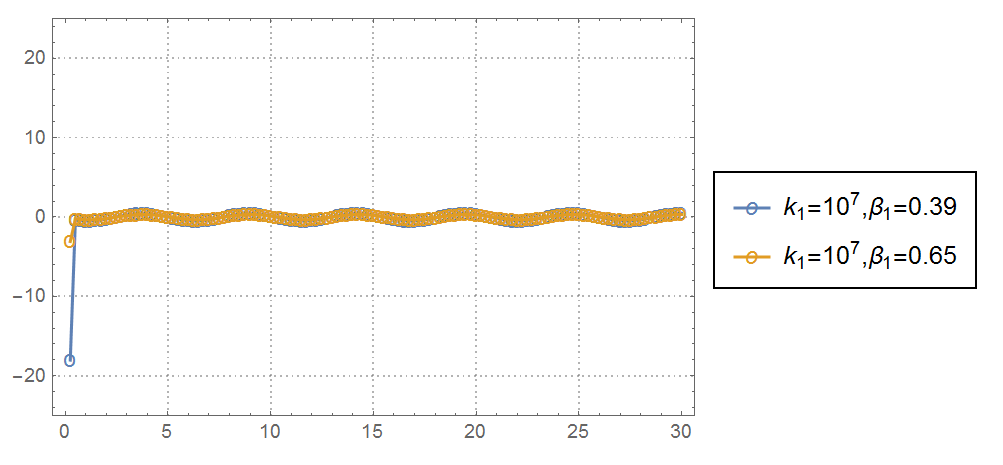
* the following figure gives with respect to time :



* the following figure gives with respect to time :



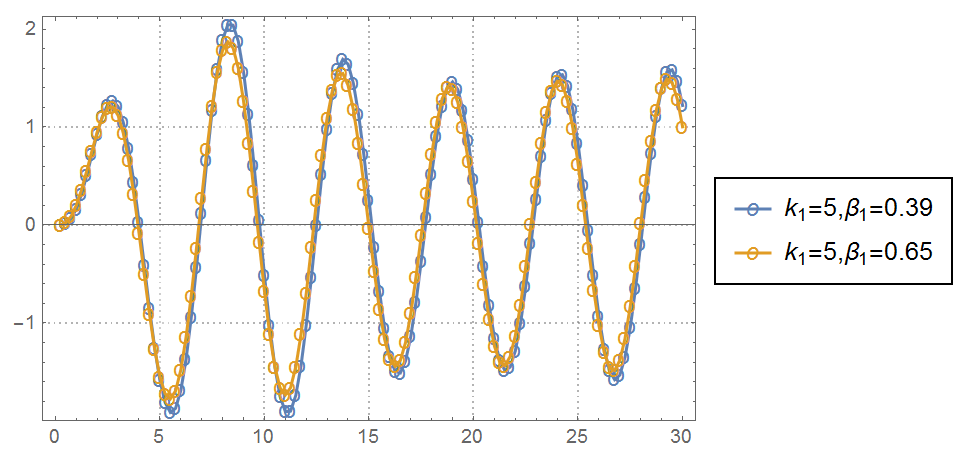
* the following figure gives with respect to time :



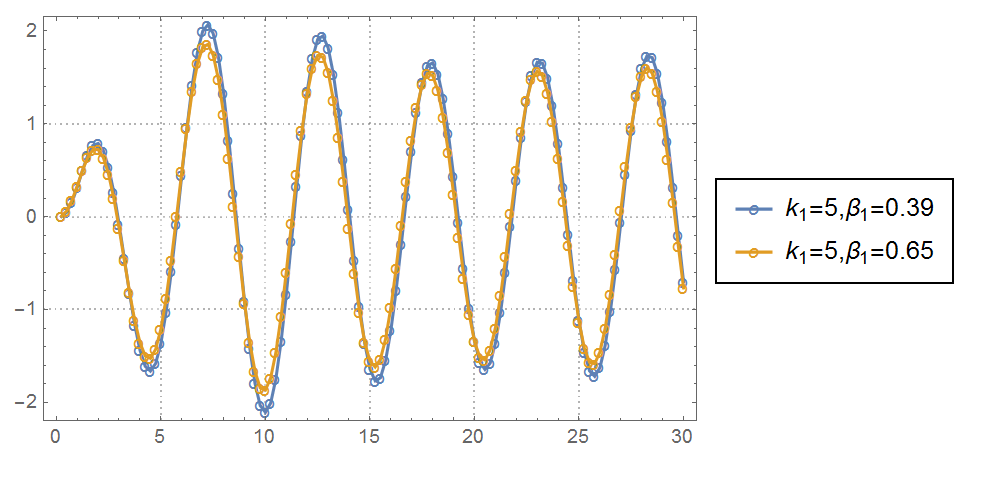
**At node 3**:

**For ,**

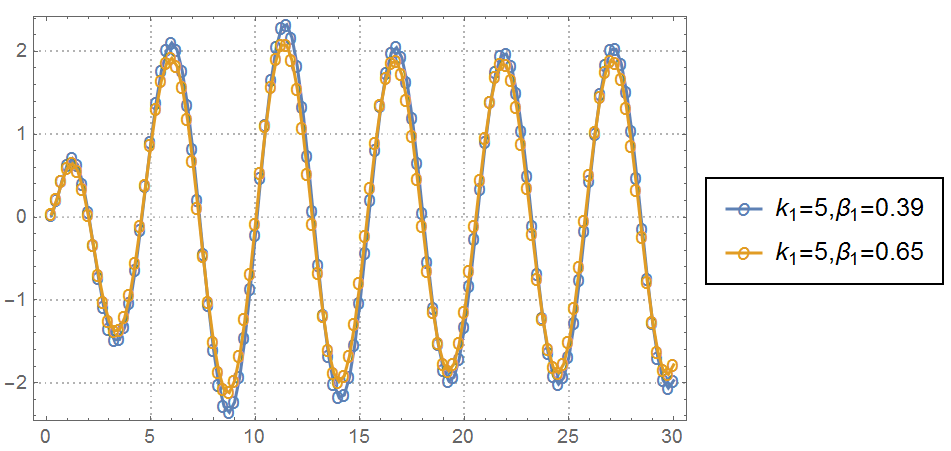
* the following figure gives with respect to time :



* the following figure gives with respect to time :

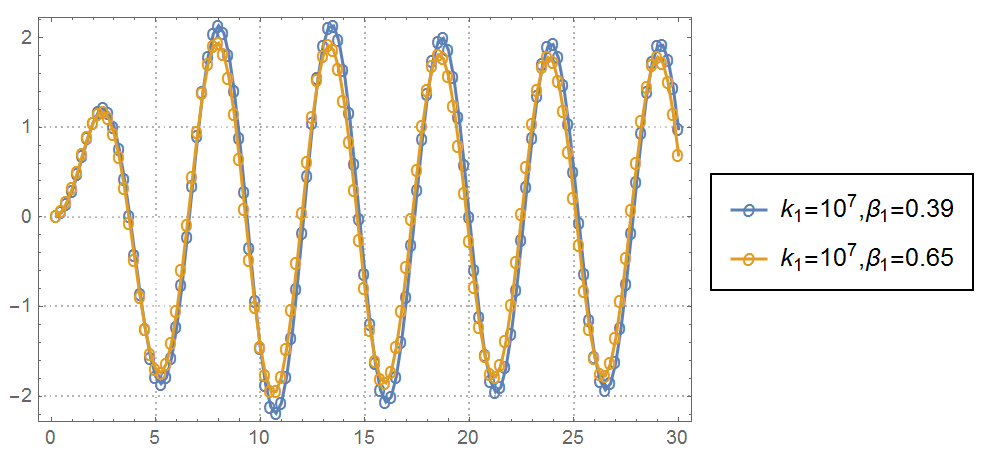


* the following figure gives with respect to time :

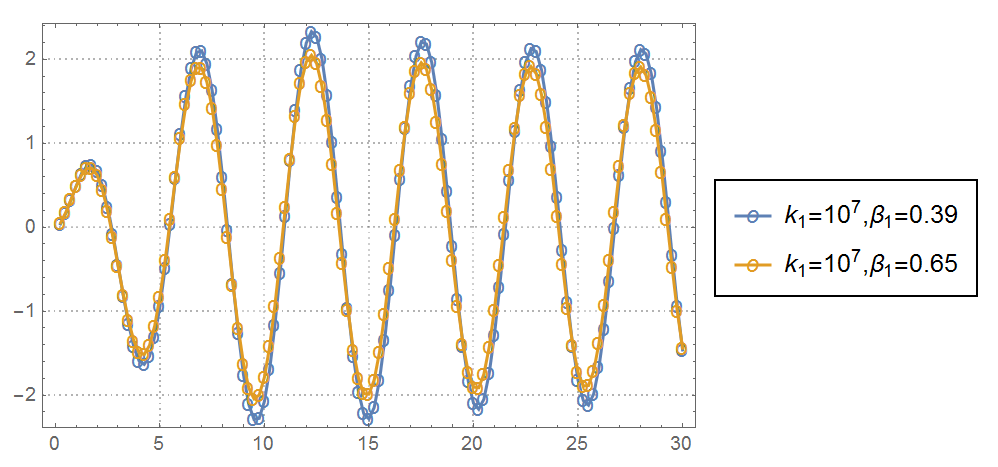


**For ,**

* the following figure gives with respect to time :



* the following figure gives with respect to time :



* the following figure gives with respect to time :

