Vivado synthesis is running into an issue because the DFGraph::traverseTopDown() function is causing a crash

I'm experiencing a crashing issue with Vivado while synthesizing design files. My system runs on Linux, and I'm using Vivado version 2024.1. The relevant commands I'm using in the Ubuntu terminal are as follows:

vivado -mode tcl

read_verilog design.v

synth_design -top top

During the synthesis process, there's a crash, and a log is generated with information about the cause of the crash.

```
Please check '/home/user/vivado_project/hs_err_pid3744975.log' for details
segfault in /home/user/software/vivado2024/Vivado/2024.1/bin/unwrapped/lnx64.o/v
ivado -exec vivado -mode tcl, exiting...
user@user-System-Product-Name:~/vivado_project$ Parent process (pid 3744975) has
 died. This helper process will now exit
```