Marienbad Game

EE552 Final Project Presentation

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How the game is played

Object of the game:
Become the owner of the last pebble.

The game board consists of 503 pebbles.

Play begins with:
Player 1 selecting up to 502 pebbles. The next player can pick up to twice as many pebbles as the last player. Players then alternate turns until the last pebble has been picked up.

How the game is played

To restart the game, press the reset button (push button 1 on the Flex 10k20 boards)

To try your luck against the computer press push button 2 at any time. The computer player will take on the role of player 2.

How to setup the demonstration:

1. Purchase a Starmouse from Compusmart at a cost of $15.00
2. Open mouse, and connect Pin 6 of the connector to Vcc. (see application note http://www.ee.ualberta.ca/~elliott/ee552/studentAppNotes/98w/Altera_UP1_MOUSE/ for more information on pin numbers)
3. Plug the modified mouse and a VGA monitor capable of 640x480 resolution into the UP1 board.
4. Program the Flex 10k20 using the provided .SOF file.
5. Play the Game.