

Solution to A BIT OF A GRIND:

This puzzle presents a series of instructions for operating a mill. Arrows into the page represent lowering the mill, out of the page represent raising the mill, and left/right/up/down arrows represent milling out one pixel in that direction. The arrows remove material from a grid—the result after tracing out the path is shown below, with removed material in black.



The remaining material spells the answer, **CNC MILLS**. Congratulations to Keita, MSNCFME, and Bon-Soon Lin who were the first three to submit the correct answer to last week's puzzle on our website (<http://puzzle.berkeley.edu>).

This column is another in our ongoing series. (You can find an archive of past columns on our website). These puzzles have a **TITLE**, occasionally some *flavor-text*, and the content. Figuring out what to do with the content is the hardest part. The title and flavor-text usually indicate the theme of the puzzle, and provide clues about how to manipulate the information you've been given. The full meaning of these clues may only be evident once you've figured out what to do. Solving the puzzle requires extracting an **ANSWER**, which will be a common English word

or short phrase. It should become clear when you've found the answer. Sometimes you may think you need to consult external information; that's okay, no resource is off-limits when solving. When you think you know the answer, submit it on our website.

Remember, during this semester, each puzzle will also come with a "wedge". You do not need to look at this wedge in order to solve the puzzle. However, the answers to all the puzzles will combine to form another puzzle, called a "metapuzzle". You will need to use the wedges to solve the metapuzzle.

LESSER-KNOWN PRESIDENTIAL SCANDALS

- Carter illegally gambled on a rat race.
- Grant tanked the country's credit rating.
- Kennedy was the illegitimate father of nerdy Ken Jennings.
- Madison dealt in blood diamonds.
- McKinley refused healthcare to sickly men.
- Obama revealed that Bo is secretly an amoeba.
- Reagan funneled money to supporters of Spider-Man supervillain Carnage.
- Roosevelt was known to ogle voters.

