Integer overflows in C

I often get questions on exactly what happens during integer overflow in C. It turns out that the explanation is not very straight forward! The Wikipedia article (https://en.wikipedia.org/wiki/Integer_overflow) is pretty good. But for the real detail see this link: https://www.cs.utah.edu/~regehr/papers/overflow12.pdf

I was surprised to see that the topic was complex enough to warrant a paper at a scientific conference as late as 2012!

The paper above is also on the moodle (dietz2012understanding.pdf)