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Conversion between pointers and floating types

Currently, the standard is silent on what happens when a conversion is
done between a pointer type and a floating type -- which means it is
implicitly undefined as per section 4, paragraph 2, in conformance.

Issue: Should it be undefined behaviour or a constraint violation?

Add a new paragraph to 6.3.2.3 Pointers:

Any conversion between any pointer type between and any floating type
is undefined behaviour.