Q 2.1

In balanced ternary the digit values are -1, 0 and +1
It is conventional to represent the digit values a - for -1, 0 for zero and + for +1. for example the value 2 is represented as "+ −", that is 3^0* - (which represent -1) + 3^1 * +(which represents +1). So, I don't need biasing exponent, and I don't need a seprate sign trit. I simply combine it with 'hidden' most significant bit of fraction and it will be part of full 18-trit fraction.