

significant problems with this idea?

capacity of the model.

Correct

inputs (as opposed to binary inputs).

occurs, and that is valuable knowledge.

Yes: the neural networks shown in the course so far cannot deal with integer

Yes: the network loses the knowledge of the location at which a context word

Yes: although we could encode the context in this way, we would then need a smaller bottleneck layer than we did before, thereby lowering the learning

Yes: even though the input has a smaller dimensionality, each entry of the input now requires more bits to encode, because it's no longer just 1 or 0.

Therefore, there would be no significant advantage.