Supplementary document of paper:

Neural network-based optimization of progressive image transmission over aerial–terrestrial MIMO links

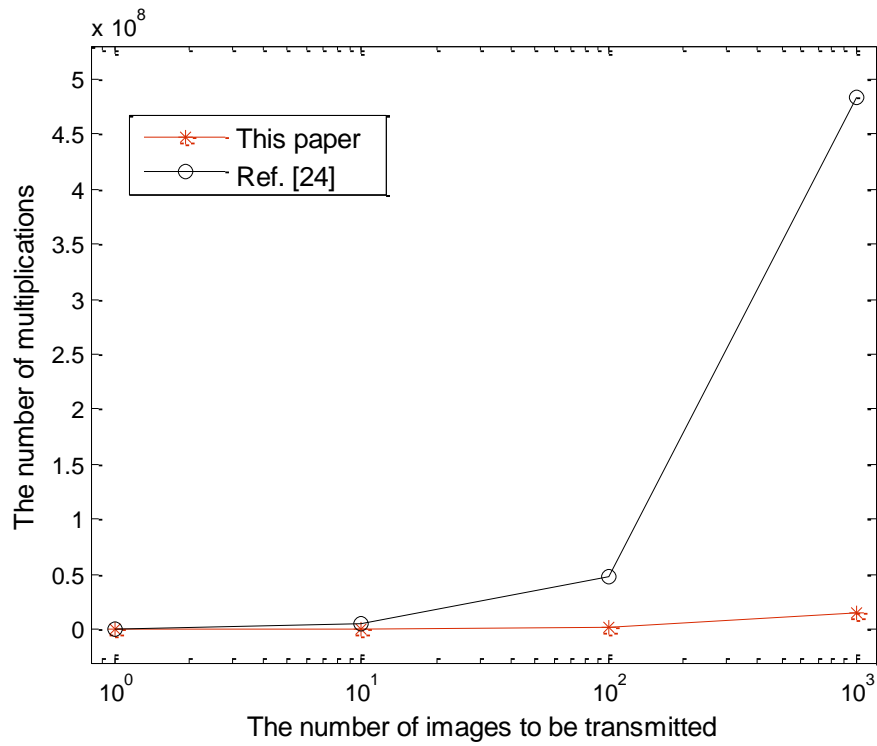**Numerical comparison of computational complexities**

Fig. 1. The required number of multiplications versus the number of images to be transmitted.
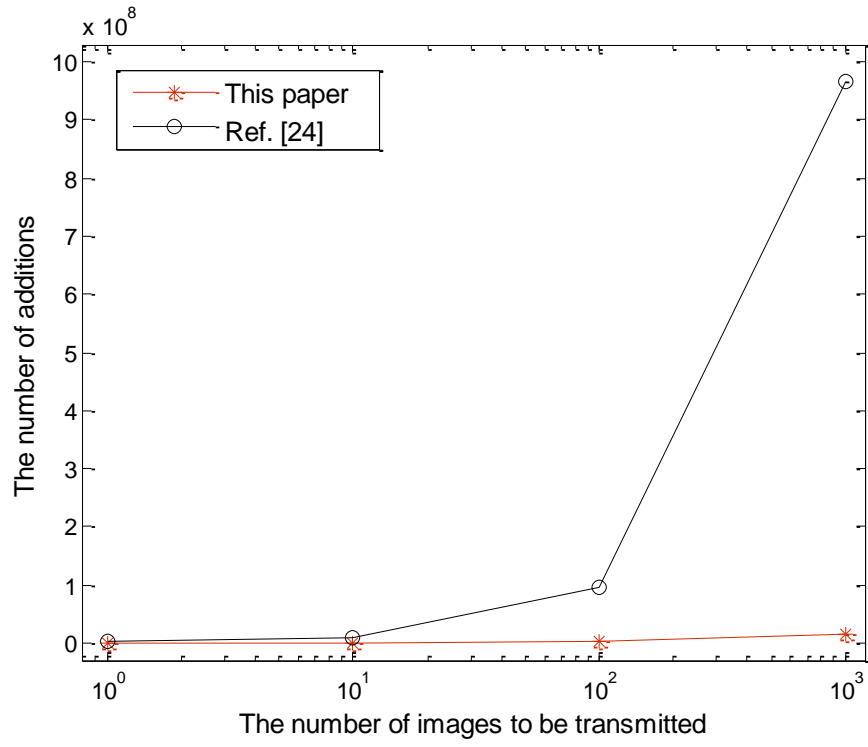
Fig. 2. The required number of additions versus the number of images to be transmitted.
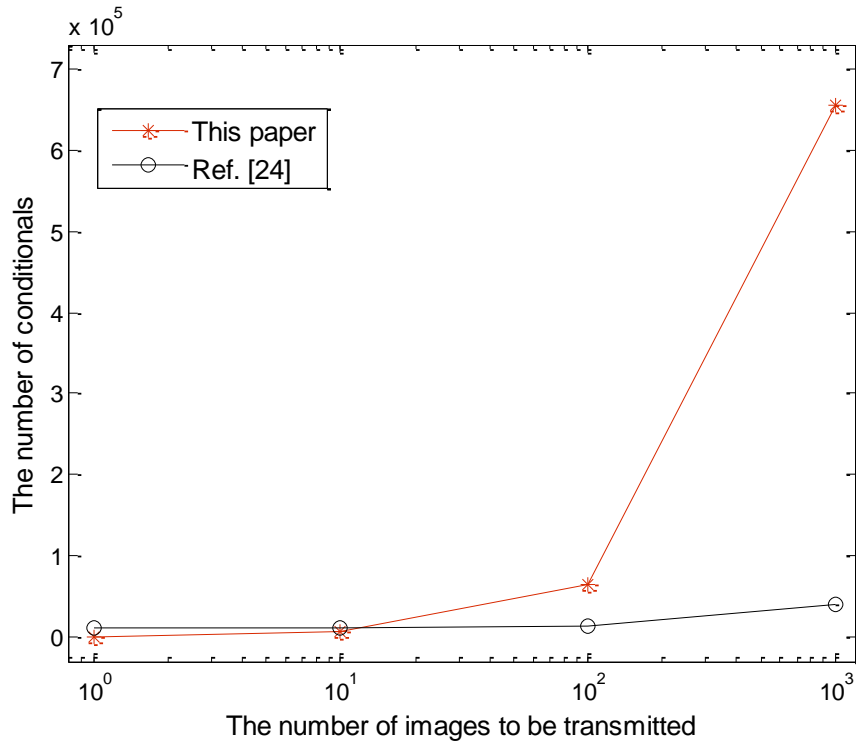

Fig. 3. The required number of conditionals versus the number of images to be transmitted.
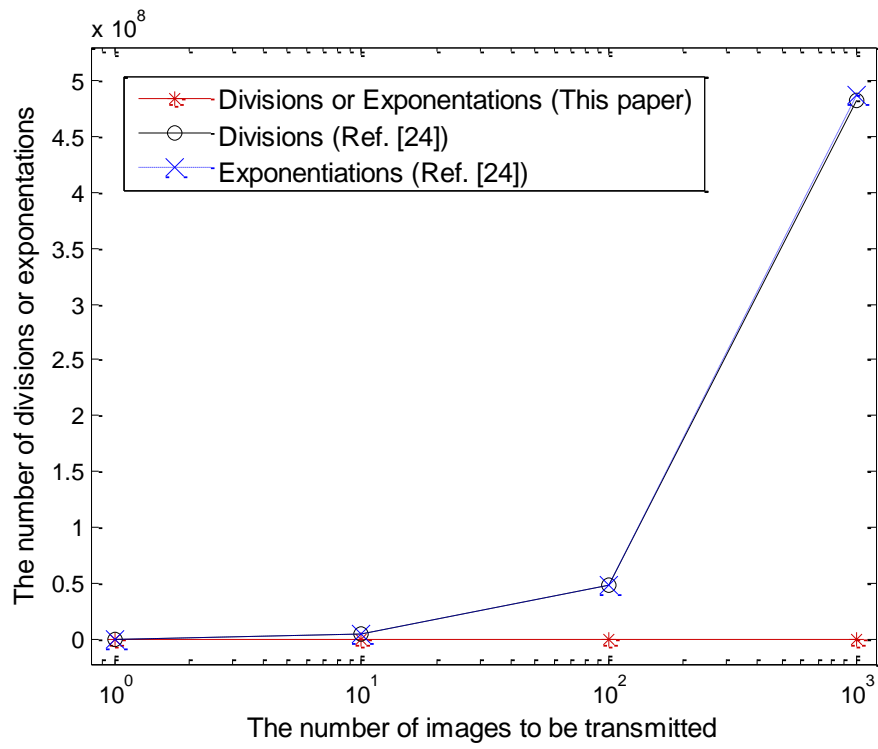
Fig. 4. The required number of divisions and exponentiations versus the number of images to be transmitted.