This supplementary material provides more details and results that were not included in the main text due to the space limitation. The contents are organized as follows.

- Figure 1 illustrates more cascading results. Images in odd rows show the cascading results of $G_T$, and images in even rows demonstrate the cascading results of $G_R$.
- Figure 2 and Figure 3 display the complete overview of our newly created dataset *Nature*, except for a few pictures that may compromise anonymity. The former are images captured indoors, and the latter are images captured outdoors.
- More visualization comparisons are demonstrated in Figure 4 and Figure 5. We compare our IBCLN against state-of-the-art methods including Zhang et al. [4], BDN [3], RnNet [2] and ERRNet [1].

References


Figure 1. Visualization of results at different cascading steps of the two sub-networks in the proposed model. The estimates of transmissions and residual reflections become increasingly more accurate as they progress through the cascade.
Figure 2. Samples from our real world dataset *Nature* that are captured indoors.
Figure 3. Samples from our real world dataset *Nature* that are captured outdoors.
Figure 4. Visual comparison among state-of-the-art approaches and our IBCLN method on more real-world images.
Figure 5. Visual comparison among state-of-the-art approaches and our IBCLN method on more real-world images.