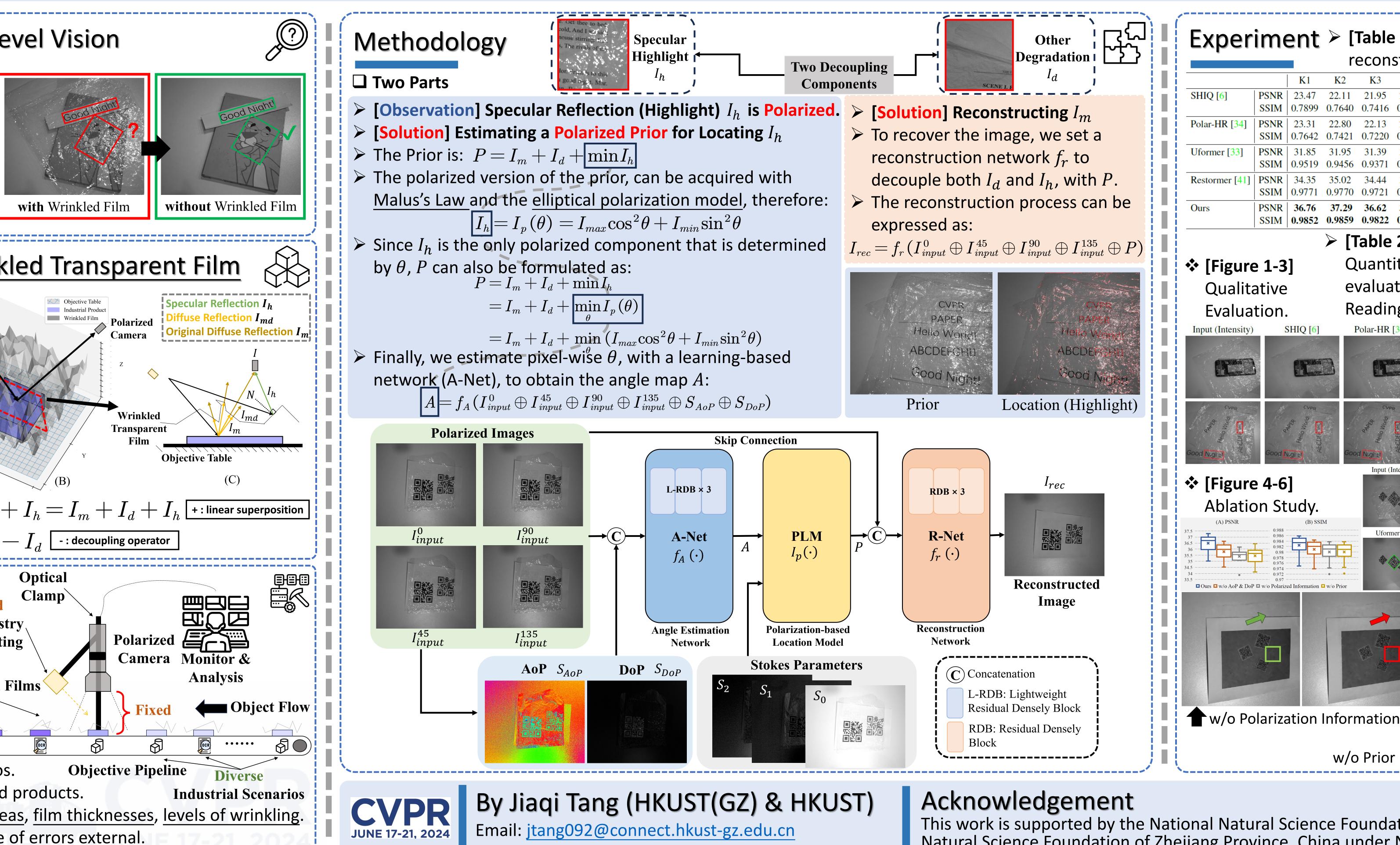
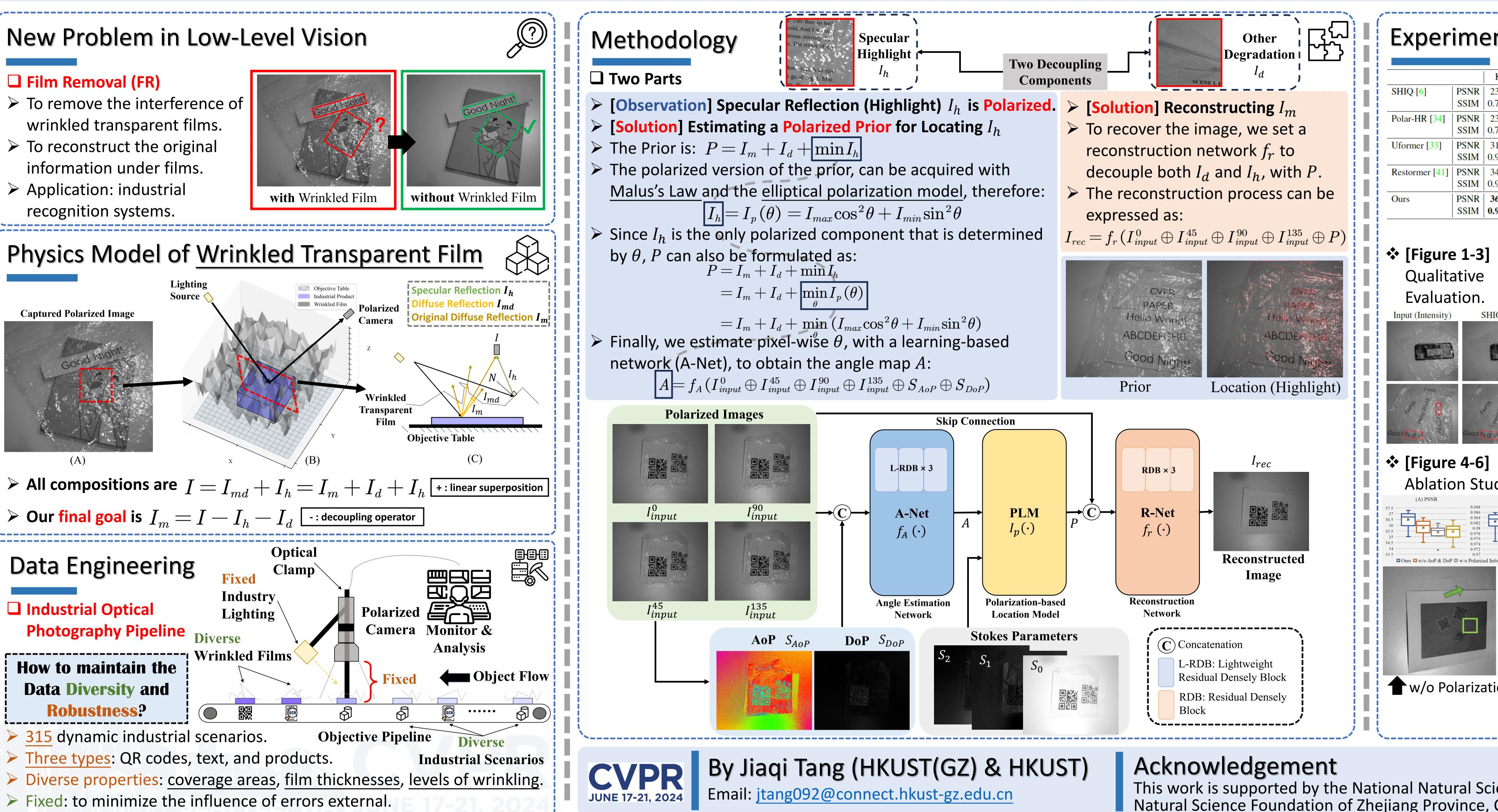


香港科技大學(廣州) THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY (GUANGZHOU)



- wrinkled transparent films.
- information under films.
- recognition systems.





香港科技大學 Learning to Remove Wrinkled Transparent Film with Polarized Prior Jiaqi Tang^{1,2,3} Ruizheng Wu⁴ Xiaogang Xu^{5,6} Sixing Hu⁴ and Ying-Cong Chen^{1,2,3*} ¹HKUST(GZ), ²HKUST, ³HKUST(GZ) – SmartMore Joint Lab, ⁴SmartMore, ⁵CUHK, ⁶ZJU

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Experiment > **[Table 1]** Quantitative evaluation in image reconstruction with 10-fold cross-validation.

K 1	K2	K3	K4	K5	K 6	K7	K8	K9	K10	$\mu\uparrow$	$\sigma\downarrow$
23.47	22.11	21.95	21.69	21.77	21.03	20.86	20.46	21.10	21.31	21.58	0.64
.7899	0.7640	0.7416	0.7439	0.7459	0.7465	0.7499	0.7412	0.7465	0.7300	0.7499	2.41×10^{-4}
23.31	22.80	22.13	21.58	21.94	22.00	22.03	21.99	22.18	21.95	22.19	0.22
.7642	0.7421	0.7220	0.7099	0.7064	0.7098	0.7128	0.7017	0.7102	0.6968	0.7176	3.80×10^{-4}
31.85	31.95	31.39	31.19	31.81	32.04	31.68	31.98	31.85	31.01	31.68	0.11
.9519	0.9456	0.9371	0.9364	0.9434	0.9421	0.9438	0.9435	0.9457	0.9363	0.9426	2.17×10^{-5}
34.35	35.02	34.44	33.71	34.88	35.13	34.31	34.33	34.51	32.49	34.32	0.52
.9771	0.9770	0.9721	0.9678	0.9757	0.9746	0.9742	0.9741	0.9759	0.9633	0.9731	1.75×10^{-5}
36.76	37.29	36.62	35.12	36.93	37.21	36.24	36.67	36.94	35.02	36.48	0.57
.9852	0.9859	0.9822	0.9767	0.9845	0.9833	0.9836	0.9830	0.9850	0.9749	0.9824	$1.23 imes 10^{-5}$

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	[Table 2]			SHIQ [6]	Polar-HR [34]	Uformer [33]
	Quantitati	ve	Read Number Read Rate	7 8.05%	17 19.54%	18 20.69%
	evaluation	of QR		Restormer [41]	Ours	Ground Truth
	Reading Ra		Read Number Read Rate	24 27.58%	63 72.41%	87 100%
Q [6]	Polar-HR [34]	Uformer [3	3] Restor	mer [41]	Ours	Ground Truth
ABCDEHCHU	ABCDEFICITION VIOLA	CVPR ^{ip} loo Moula Good Night!	Good Night	B	ABCDEFIGHU	ABCDEFIGHU
	Input (Intensity)	SHIQ [6]	Polar-HR [34] Input (Intensit	1991	Polar-HR [34]
dy.				HAMET, PRNCE DENMARK HAMET, PRNCE DENMARK Williarr ¥ 1604	DENMARK	DENMARK William Scholpers
	Uformer [33]	Restormer [4	1] Ours	Uformer [33] HAMLET, PRINCE		Ours HAMLET, PRINCE OF
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