

$-\mathcal{Y}$	$(C\mathcal{Y} + DUM)^T(RD_w + S$	$-\lambda M^T S_w^T$	$M^T X_+^T$	$(C\mathcal{Y} + DUM)^T$	M^T
$(C\mathcal{Y} + DUM)^T(RD_w + S$	$Q^T + SD_w + D_w^T S^T + D_w^T R$	0	B_w^T	B_w^T	0
$-\lambda S_w M$	0	λQ_w	0	0	$-(\lambda R_w)^{-1}$
$X_+ M$	B_w	0	$-\mathcal{Y}$	0	0
$C\mathcal{Y} + DUM$	B_w	0	0	$-R^{-1}$	0
M	0	$-(\lambda R_w)^{-1}$	0	0	$-(\lambda R_w)^{-1}$