ERRATUM

PAGE	LINE	WHERE IT IS	IT SHOULD BE
69	-11,-7	if	if and only if
70	12		$(E(x))_{ii} = \begin{cases} \left\|\left(W(x)^T \nabla f(x)\right)_i\right\| & \text{if } \left(W(x)^T \nabla f(x)\right)_i < 0 \\ & \text{and } b_i < +\infty, \text{ or} \\ & \text{if } \left(W(x)^T \nabla f(x)\right)_i > 0 \\ & \text{and } a_i > -\infty, \\ 0 & \text{in all other cases,} \end{cases}$
70	-7	if	if and only if
79	14	1 or -1	1
87	3	$(u_k)_i - a_i$	$a_i - (u_k)_i$
87	10	From conditions (5.24),	From conditions (5.23), (5.24),
87	12		$\geq \beta_2^{\mathsf{d}} \tau_k \Big(-\bar{g}_k^T o_k^{\mathsf{d}} - \frac{1}{2}(o_k^{\mathsf{d}})^T (W_k^T H_k W_k + E_k \bar{D}_k^{-2} + \gamma_k \bar{D}_k^{-2})(o_k^{\mathsf{d}}) \Big) + \frac{1}{2} \beta_2^{\mathsf{d}} \tau_k^2 \gamma_k (o_k^{\mathsf{d}})^T \bar{D}_k^{-2} (o_k^{\mathsf{d}})$
87	13		$\geq \frac{1}{2} \beta_2^{\mathsf{d}} \tau_k \|R_k o_k^{\mathsf{d}}\|^2 + \frac{1}{2} \beta_2^{\mathsf{d}} \tau_k^2 \gamma_k \delta_k^2$
87	14		$\geq \frac{1}{2} \beta_2^{\mathsf{d}} \tau_k^2 \gamma_k \delta_k^2,$
88	6	τ_k	τ_k^2
92	-11	$(u_k)_i - a_i$	$a_i - (u_k)_i$
96	-8	τ_k	τ_k^2
101	-10,-5,-1	τ_k	τ_k^2
102	1,6,10,12	τ_k	τ_k^2
102	6,14	for any $\rho \geq 1$	for every $\rho > 0$
104	15	τ_k	τ_k^2
105	5	τ_{k_j}	$\tau_{k_j}^2$
106	-13	nominator	numerator
109	1,4	κ_4	κ_1
109	3	for all $\rho \geq 1$	for every $\rho > 0$
115	13	H_k	$\nabla_{xx}^2 \ell_k$
117	-7	$n = 2100$, $m = 2000$	$n = 2200$, $m = 2100$
158	-13,-12	*A Global Convergence ... ... Optimization,*	*A Global Convergence Theory for a Class of Trust Region Algorithms for Constrained Optimization,*
158	-10	TR88–9	TR88–5