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\iff		$\stackrel{\longleftarrow}{\Longleftrightarrow}$			\iff
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\iff	\iff	\iff	\iff		\Longrightarrow
\Longrightarrow	\Rightarrow	\Longrightarrow	\Rightarrow	\Longrightarrow	\Longrightarrow
=	\	\	\	\	<u> </u>
\Longrightarrow	\implies	\implies	\implies	\implies	\implies
\Longrightarrow	\Longrightarrow	\Longrightarrow	\implies	\implies	\implies
x^* is global min of $f(x)$	x^* is global min of $f(x)$	x^* is global min of $f(x)$	x^* is global min of $f(x)$	x^* is global min of $f(x)$	x^* is global min of $f(x)$
$\mathcal{H}_f(x)$ is p.s.d. $\forall x \in \mathbb{R}^n$					
All λ_i of $\mathcal{H}_f(x)$ are ≥ 0 , $\forall x \in \mathbb{R}^n$	All λ_i of $\mathcal{H}_f(x)$ are ≥ 0 , $\forall x \in \mathbb{R}^n$	All λ_i of $\mathcal{H}_f(x)$ are ≥ 0 , $\forall x \in \mathbb{R}^n$	All λ_i of $\mathcal{H}_f(x)$ are ≥ 0 , $\forall x \in \mathbb{R}^n$	All λ_i of $\mathcal{H}_f(x)$ are ≥ 0 , $\forall x \in \mathbb{R}^n$	All λ_i of $\mathcal{H}_f(x)$ are ≥ 0 , $\forall x \in \mathbb{R}^n$
$\mathcal{H}_{f}\left(x^{st} ight)$ is p.d.	$\mathcal{H}_{f}\left(x^{st} ight)$ is p.d.	$\mathcal{H}_{f}\left(x^{*} ight)$ is p.d.	$\mathcal{H}_{f}\left(x^{*} ight)$ is p.d.	$\mathcal{H}_{f}\left(x^{*} ight)$ is p.d.	$\mathcal{H}_{f}\left(x^{*} ight)$ is p.d.
$\nabla f\left(x^*\right) = 0$	$\nabla f\left(x^*\right) = 0$	$\nabla f(x^*) = 0$	$\nabla f(x^*) = 0$	$\nabla f(x^*) = 0$	$\nabla f(x^*) = 0$
$\mathcal{H}_f\left(x^*\right)$ is p.s.d.	$\mathcal{H}_{f}\left(x^{st} ight)$ is p.s.d.	$\mathcal{H}_{f}\left(x^{*} ight)$ is p.s.d.	$\mathcal{H}_{f}\left(x^{st} ight)$ is p.s.d.	$\mathcal{H}_{f}\left(x^{st} ight)$ is p.s.d.	$\mathcal{H}_{f}\left(x^{st} ight)$ is p.s.d.
$\nabla f\left(x^*\right) = 0$	$\nabla f(x^*) = 0$	$\nabla f(x^*) = 0$	$\nabla f(x^*) = 0$	$\nabla f(x^*) = 0$	$\nabla f(x^*) = 0$