$\textbf{Sats 0.0.1} \hspace{0.1cm} \textbf{Om} \hspace{0.1cm} f \hspace{0.1cm} \textbf{\"{ar}} \hspace{0.1cm} \textbf{deriverbar} \hspace{0.1cm} \textbf{\emph{i}} \hspace{0.1cm} a \hspace{0.1cm} \textbf{\emph{så}} \hspace{0.1cm} \textbf{\ddot{ar}} \hspace{0.1cm} \textbf{funktionen} \hspace{0.1cm} f \hspace{0.1cm} \textbf{kontinuerlig} \hspace{0.1cm} \textbf{\emph{i}} \hspace{0.1cm} a$