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Označenie publikácie*	M-LS-05
Abstrakt/anotácia	<p>The development, manufacture and assembly of the CNC Machine Tool represent one side of thing: however the other side of thing is to have under the control the processes thanks to which work is unabled. In addition to the detailed description of part which such a product consists of, this book has also the effort to refer to this processes. The whole thing is watched comprehensively as the house having its foundations, perimeter walls and the roof.</p> <p>Machine tools are working (manufacturing) machines specified to create workpieces with a particular shape, with particular dimensions and the machining quality. It follows from this machine tool definition that the essential machine tool function is to make generating workpiece surfaces with the required geometry and with the required surface quality under the economically efficient conditions. In order to comply with this essential requirement, the necessary condition is to create cutting motions which consist of the mutual coupling of vectors of the rotary motion and of the translation motion.</p>