



	Applications of Number Theory	
	How is it used in cryptographic algorithms?	How is it used in Optimization algorithms?
	<p>At the end of the work, regarding the topic and problem studied, students should be able to:</p> <ul style="list-style-type: none"> • define the main underlying terms • present a clear, illustrated summary with clarifying examples of the concepts underlying • if possible, identify examples of the use of the underlying concepts in the academic life (teaching and research) of FEUP (or U.Porto) • if possible, frame the underlying concepts in one or more of the UN Sustainable Development Goals* • present the group's vision, formed after the work carried out 	
	1 and 2	3 and 4
	1LEIC01	
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Associated Subject: Discrete Mathematics. (L.EIC005)

* <https://sdgs.un.org/goals>