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CM-3	Process algebra approach for object interactions in UML
<p>Formal definitions of syntax and semantics for the static and dynamic models in Object Oriented methods are already defined. But the behavior of interacting objects is not formalized. In this paper, we define the common behavior of interacting objects in terms of process algebra using sequence diagram in UML and regularize properties of interacting objects. Based on the result, we can develop a formal specification using the object interaction instead of the existence dependency suggested by M. Snoeck and G. Dedene.</p>	

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CM-4	Differential Equations related to Random Graph Process
<p>A random graph process is a process making a random graph. Well known as random graphs are binomial random graphs and uniform random graphs. There are many good results about them. We here look at a random graph process called equable random graph process. In this process, we make differential equations to find the numbers of vertices of very small degrees, for example, 1, 2, or 3. Once we get such numbers, we use them to find more things, for example, the numbers of paths, and to see when the random graph is connected.</p>	