

Break the relation into two:							
	Name	SSN	PhoneNumber	City			
	Fred	123-45-6789	206-555-1234	Seattle			
	Fred 123-45-67		206-555-6543	Seattle			
/	Joe	987-65-4321	908-555-2121	Westfield			
Name	<u>SSN</u>	City	<u>SSN</u>	PhoneNumber			
Fred	123-45-6789	Seattle	123-45-6789	206-555-1234			
Joe	987-65-4321	Westfield	123-45-6789	206-555-6543			
Anomalias have gana:							



















Want X in X \rightarrow B s.t.: X =X ⁺ or X ⁺ = [all attributes]								
Example								
	Name	SSN	PhoneNumber	City				
	Fred	123-45-6789	206-555-1234	Seattle				
	Fred	123-45-6789	206-555-6543	Seattle				
	Joe	987-65-4321	908-555-2121	Westfield				
	Joe	987-65-4321	908-555-1234	Westfield				
SSN → Name, City								
The only key is: {SSN, PhoneNumber} Hence SSN → Name, City is a "bad" dependency SSN*								
In other words: SSN+ = SSN, Name, City and is neither SSN nor All Attributes								







































