









CERIAS									
Non Discriminatory Clearing									
<ul> <li>Each retailer <i>i</i> has one (<i>p<sub>i</sub></i>, <i>q<sub>j</sub></i>) pair</li> <li>Supplier has a supply curve <i>q</i> = <i>p</i> + <i>θ</i></li> <li>The fixed price would be <i>p</i> = Σ<i>q<sub>i</sub></i> - <i>θ</i></li> <li>Only retailers with <i>p<sub>i</sub></i> &lt; <i>p</i> are allowed to pull out</li> </ul>									
	Who learns what	$(p_i, q_i)$	( <i>p<sub>j</sub></i> , <i>q<sub>j</sub></i> ), j≠i	θ	Σq ,	р			
	Supplier			$\checkmark$		$\checkmark$			
PUR	Retailer <i>i</i>	$\sqrt{2}$			Califo		Center		

CERIAS								
Pick and Choose								
<ul> <li>The seller can sell at most <i>K</i> identical units.</li> <li>Each retailer has a number of price-quantity pairs (gets only one).</li> <li>Find the minimum number of units to be sold with the maximum possible seller's revenue.</li> </ul>								
	Who learns what	$(p_i, q_i)$	( <i>p<sub>j</sub></i> , <i>q<sub>j</sub></i> ), j≠i	K				
PURDUE	Supplier Retailer <i>i</i>	CERIA	Š		e-Enterprise Center			

CERIAS								
All or Nothing								
<ul> <li>Each retailer <i>i</i> has one (<i>p<sub>i</sub></i>, <i>q<sub>i</sub></i>) pair</li> <li>Supplier has a supply curve <i>q</i> = <i>p</i> + θ</li> <li>Supplier is to accept all bids or none</li> <li>Is Σ<i>p<sub>i</sub>q<sub>i</sub></i> ≥ (Σ<i>q<sub>i</sub></i> - θ)(Σ<i>q<sub>i</sub></i>) ?</li> </ul>								
	Who learns what	$(p_i, q_i)$	( <i>p<sub>j</sub></i> , <i>q<sub>j</sub></i> ), j≠i	θ	$\Sigma q_i$	Σ $q_i$ - $ heta$	$\Sigma p_i q_i$	
	Supplier			$\checkmark$				
	Retailer i	$\checkmark$						
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