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| **Sr. No.** | **Topic** | **Resources** |
|  | Components of CL network | [**Link**](https://www.google.com/search?q=Components+of+CL+network&rlz=1C1VDKB_enIN991IN991&oq=Components+of+CL+network+&gs_lcrp=EgZjaHJvbWUyCggAEEUYFhgeGDkyDQgBEAAYhgMYgAQYigUyDQgCEAAYhgMYgAQYigUyBwgDEAAY7wUyCggEEAAYogQYiQUyCggFEAAYgAQYogQyCggGEAAYgAQYogQyCggHEAAYgAQYogTSAQkxODg2M2owajmoAgCwAgA&sourceid=chrome&ie=UTF-8) |
|  | Pattern clustering and feature mapping network | [**Link**](https://www.google.com/search?q=pattern+clustering+and+feature+mapping+network&rlz=1C1VDKB_enIN991IN991&oq=Pattern+clustering+and+feature+mapping+network&gs_lcrp=EgZjaHJvbWUqDAgAECMYJxiABBiKBTIMCAAQIxgnGIAEGIoFMg0IARAAGIYDGIAEGIoFMg0IAhAAGIYDGIAEGIoFMgoIAxAAGIAEGKIEMgcIBBAAGO8FMgcIBRAAGO8FMgcIBhAAGO8FMgcIBxAAGO8F0gEIMTM2NmowajmoAgCwAgE&sourceid=chrome&ie=UTF-8) |
|  | ART networks | [**Link**](https://www.google.com/search?sca_esv=619b5ee73393e443&rlz=1C1VDKB_enIN991IN991&sxsrf=AHTn8zoCcpl-JlhuWN-Bo9Pxt2tldwSBjg:1747190707718&q=ART+network&spell=1&sa=X&ved=2ahUKEwjW9_PL-KGNAxXdzTgGHXrECO0QBSgAegQICRAB&biw=1536&bih=742&dpr=1.25) |
|  | Features of ART models | [**Link**](https://www.google.com/search?q=Features+of+ART+models&rlz=1C1VDKB_enIN991IN991&oq=Features+of+ART+models&gs_lcrp=EgZjaHJvbWUqBggAEEUYOzIGCAAQRRg7MgYIARAjGCcyCggCEAAYgAQYogQyCggDEAAYgAQYogQyCggEEAAYgAQYogTSAQgxNTY2ajBqOagCALACAQ&sourceid=chrome&ie=UTF-8) |
|  | character recognition using ART network | [**Link**](https://www.google.com/search?q=character+recognition+using+ART+network&rlz=1C1VDKB_enIN991IN991&oq=character+recognition+using+ART+network+&gs_lcrp=EgZjaHJvbWUyCggAEEUYFhgeGDkyBggBECMYJzINCAIQABiGAxiABBiKBTINCAMQABiGAxiABBiKBTIHCAQQABjvBTIKCAUQABiABBiiBDIKCAYQABiABBiiBDIHCAcQABjvBdIBBzg3OWowajmoAgCwAgA&sourceid=chrome&ie=UTF-8) |
|  | Self-Organization Maps (SOM): Two Basic Feature Mapping Models, Self-Organization Map, SOM Algorithm, Properties of Feature Map | [**Link**](https://www.google.com/search?q=Self-Organization+Maps+(SOM)%3A+Two+Basic+Feature+Mapping+Models%2C+Self-Organization+Map%2C+SOM+Algorithm%2C+Properties+of+Feature+Map&rlz=1C1VDKB_enIN991IN991&oq=Self-Organization+Maps+(SOM)%3A+Two+Basic+Feature+Mapping+Models%2C+Self-Organization+Map%2C+SOM+Algorithm%2C+Properties+of+Feature+Map&gs_lcrp=EgZjaHJvbWUyBggAEEUYOdIBBzYxNWowajmoAgCwAgA&sourceid=chrome&ie=UTF-8) |
|  | Computer Simulations | [**Link**](https://www.google.com/search?q=Computer+Simulations&rlz=1C1VDKB_enIN991IN991&oq=Computer+Simulations+&gs_lcrp=EgZjaHJvbWUyBggAEEUYOTIHCAEQABiABDIHCAIQABiABDIHCAMQABiABDIHCAQQABiABDIHCAUQABiABDIHCAYQABiABDIHCAcQLhiABDIHCAgQABiABDIHCAkQLhiABNIBCDI5NThqMGo5qAIAsAIA&sourceid=chrome&ie=UTF-8q) |
|  | Learning Vector Quantization | [**Link**](https://www.google.com/search?q=learning+vector+quantization&rlz=1C1VDKB_enIN991IN991&oq=Learning+Vector+Quantization&gs_lcrp=EgZjaHJvbWUqBwgAEAAYgAQyBwgAEAAYgAQyBwgBEAAYgAQyBwgCEAAYgAQyCAgDEAAYFhgeMggIBBAAGBYYHjIICAUQABgWGB4yCAgGEAAYFhgeMggIBxAAGBYYHjIICAgQABgWGB4yCAgJEAAYFhge0gEIMTIwN2owajmoAgCwAgA&sourceid=chrome&ie=UTF-8) |
|  | Adaptive Pattern Classification | [**Link**](https://www.google.com/search?q=adaptive+pattern+classification+in+ann&rlz=1C1VDKB_enIN991IN991&oq=Adaptive+Pattern+Classification&gs_lcrp=EgZjaHJvbWUqDAgBEAAYFBiHAhiABDIHCAAQABiABDIMCAEQABgUGIcCGIAEMggIAhAAGBYYHjIICAMQABgWGB4yCAgEEAAYFhgeMggIBRAAGBYYHjIICAYQABgWGB4yDQgHEAAYhgMYgAQYigUyCggIEAAYgAQYogQyCggJEAAYgAQYogTSAQgxNDc5ajBqOagCALACAA&sourceid=chrome&ie=UTF-8) |