













- [2] “KDDI R&D Laboratories completes World’s first successful AI-assisted automated network operation system PoC” ., News release on Feb. 22 2016.  
<https://wirelesswire.jp/2016/02/50505/>
- [3] “Present and Future of Artificial Intelligence (AI),” White Paper on Information and Communications in Japan 2016, Chapter 4, Section 2.
- [4] Hiroyuki Oto, “Application of Virtualization Technology to Communications Networks,” NTT DOCOMO Technical Journal Vol. 18 No. 1 pp. 4-10.
- [5] Takuya Shimojo., “Future Core Network for the 5G Era,” NTT DOCOMO Technical Journal Vol. 17 No. 4 pp. 50-59.
- [6] Takanori Hayashi, “QoE-centric Operation for Optimizing User Quality of Experience.”  
<https://www.ntt-review.jp/archive/ntttechnical.php?contents=ntr201509fa3.html>
- [7] “MasterScope: Features and Experimental Applications of System Invariant Analysis Technology” (NEC Technical Journal Vol. 65 No. 2/2012).