Notice: ACM will no longer produce the Computing Reviews Classification System (CCS). Although it is outdated, the CCS is still useful for classifying works, and ACM is keeping the CCS on its website as an informational resource. Instead of using the CCS, ACM is now using a hybrid approach to classifying computing work, combining the 2012 CCS with a new, more flexible, more granular, and more inclusive taxonomy. For more information, please visit www.acm.org/publications/class-2012.