Abstract

Every human activity is controlled and directed by brain. For each such activity there is equivalent action potential which gets generated. This action potential has a corresponding low power electrical signal. For different human actions different electrical signals are generated. This paper gives a definitive study of brain’s rhythms which are generated during motor imagery activities. The current applications of these rhythms are also briefly elaborated. We also propose a generic mu rhythm based locking system which can be used for home security, bank locker security, vehicle locking and at many other places.

References

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BrainLock: A Generic Mu Rhythm based Locking System


Index Terms

Computer Science
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Keywords
Brain Waves  ? Waves  Bci  Hmi  User Interfaces