

ABSTRAK

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ANALISIS PERBANDINGAN METODE *SIMPLE ADDITIVE WEIGHTING* DAN *WEIGHTED PRODUCT* DALAM MENENTUKAN FILM ANIMASI TERBAIK

(xiii + 54 halaman: 11 gambar; 13 tabel; 4 lampiran)

Pada saat ini, terdapat semakin banyak variasi film animasi *Anime* baru yang bermunculan. Berkat kemajuan internet, penggemar *Anime* juga dapat menikmati *Anime* dengan layanan penyedia *Anime*, misalnya *Netflix* dan *AbemaTV*. Dilaporkan pada situs penyedia informasi *Anime* *myAnimelist.net* tersedia sebanyak 20.343 judul *Anime* di tahun 2021. Dikarenakan tersedia sangat banyaknya data, diperlukan suatu sistem untuk menilai dan menentukan peringkat *Anime* yaitu sistem pendukung keputusan. Penelitian ini mencakup data *Ratings Anime* yang bersumber dari *Kaggle* dan dilakukan analisis perbandingan dua sistem pendukung keputusan yakni *Simple Additive Weighting* dengan *Weighted Product* untuk mencari tingkat kesesuaian dan metode apa yang lebih unggul dalam menentukan peringkat *Anime*. Dari hasil analisis perbandingan *Simple Additive Weighting* dengan *Weighted Product*, diperoleh tingkat kesesuaian *Simple Additive Weighting* sebesar 92,55% dan tingkat kesesuaian *Weighted Product* sebesar 99,99% dimana metode *Weighted Product* lebih unggul dalam menentukan film animasi terbaik.

Kata kunci: **Film Animasi *Anime*, Analisis Perbandingan, Sistem Pendukung Keputusan, *Simple Additive Weighting*, *Weighted Product*, Tingkat Kesesuaian.**

Referensi: 33 (2019 – 2023).

ABSTRACT

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COMPARATIVE ANALYSIS OF SIMPLE ADDITIVE WEIGHTING AND WEIGHTED PRODUCT METHODS IN CHOOSING THE BEST ANIMATED FILM

(xiii + 54 pages: 11 images; 13 tables; 4 appendices)

Nowadays, there is an increasing variety of the new animated films Anime emerging. Thanks to the internet's progress, Anime fans can also enjoy Anime through internet services or specialized Anime applications, such as Netflix and AbemaTV. It is reported on the Anime information provider situs myAnimelist.net that there are as many as 20,343 Anime titles in 2021. Due to the vast amount of data available, a system is needed to score or rank the Anime which is the decision support system. This research includes Anime Ratings data from Kaggle and conducts comparative analysis with two decision support systems which are Simple Additive Weighting and Weighted Product to find the level of compatibility and which methods is better in determining Anime rankings. From the results of comparative analysis of the Simple Additive Weighting and Weighted Product, gained Simple Additive Weighting compatibility level of 92.55% and Weighted Product compatibility level of 99.99% which shows that Weighted Product is better to be used in choosing the best Animated film.

Keyword: *Animated Films Anime, Comparative Analysis, Decision Support System, Simple Additive Weighting, Weighted Product, Compatibility Level.*

References: 33 (2019 – 2023).