



TEKNIKA

Media Informasi dan Komunikasi Bidang Rekayasa dan Tata Niaga

Abdul Rakhman *Analisa Kerja Operational Amplifier Yang Dirakit Secara Komposit Yang Diaplikasikan Sebagai Rangkaian Inverting Integrator Dan Filter Aktif*

Cikhsadan *Efek Power Kontrol Terhadap Daya Pancar Antara Base Transciever Station Dan Mobile Station Pada Code Division Multiple Access*

Nyayu Latifah Husni, Ade Silvia H *Pengaruh Bahan Semikonduktor Anorganik Dan Organik Terhadap Tingkat Energi Led Dan Oled*

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L. Vera Riama P *Kompetensi Dan Independensi Akuntan Publik*

Sopiyan. A.R. *Peranan Informasi Biaya Dalam Menentukan Harga Jual Suatu Produk*

Elvia Zahara, Hadi Jauhari *Analisis Faktor-Faktor Yang Mempengaruhi Hubungan Industrial Di Kota Palembang*

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Pridson Mandiangan *Harapan Mahasiswa Terhadap Jasa Kependidikan Dan Realisasi Kinerja Politeknik Negeri Sriwijaya Palembang*

Trisilowati *Penerapan Etika Profesi Sebagai Penunjang Sikap Profesional Dalam Pekerjaan*

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Welly Ardiansyah *The Analysis Of The Major Characters, Themes, Motifs And Symbol On The Adventures Of Huckleberry Finn By Mark Twain*

Zulkifli *The Relationship Between Language Learning Strategies And Language Proficiency Of Engineering Students In State Polytechnic Of Sriwijaya*

Wasitoh Meirani *Upaya-Upaya Menuju Presentasi Yang Baik*

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Akhir kata, semoga pembaca dapat menikmati artikel pada edisi kali ini.

Redaksi

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ANALISA KERJA OPERATIONAL AMPLIFIER YANG DIRAKIT SECARA KOMPOSIT YANG DIAPLIKASIKAN SEBAGAI RANGKAIAN INVERTING INTEGRATOR DAN FILTER AKTIF

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ABSTRACT

The use of single Op-Amp at electronic and Telecommunication field is known widely. Most of Electronic circuit can be built by using single Op-Amp. Nowadays, the new discovery, composite Op-Amp, which is built by the combination of single Op-Amp. The result of this development is requested to increase the performance of electronic components existing. The construction of composite Op-Amp has the same construction as the single Op-Amp, namely, two input terminal and one output terminal. In this research, both Op-Amp mentioned is operated as Integrator and Active Filter to be compared the results. In measuring Op-Amp is proved that the use of Op-Amp composite results output flat integrator and response narrower filter. For the next research, it is suggested in order to use Op-Amp composite by operating as amplifier and differentiator.

Keywords: Op-Amp, Single, Komposit, Filter, Integrator

**EFEK POWER KONTROL TERHADAP DAYA PANCAR
ANTARA BASE TRANSCIEVER STATION DAN MOBILE STATION PADA
CODE DIVISION MULTIPLE ACCSESS**

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ABSTRACT

Problems that often occur in the system is the reduced power cellular accept that emanated in the base station to mobile station. Then hoe to set the power scattered between the BTS and MS so that power receirved by consumers still going maximum if the number of the requests from the channel capacity exceeds the maximum cooperage of the cell traffig of the cell will experience a contraction in that traffic does not exceed its maximum capacity, but when the number of chunnel requests retrun to normals conditions as the original cill cooperage expans a gain, so thats castamers are af to the maximum cell radius can served. Analysis of the results in the PT. Telkom initial condition whwre the scattered power BTS A sector of 36dB, the power receirved by the BTS power is stile a bove the minimum required on 0,5 – 4,0 Km radius but when reached 4,5-5,0 Km redius of power PRX is 112,09 dB then the power received through the restrictions MS has received the minimum power, so thet communication between the base station with a radius on the MS will be cut off.

Kata Kunci: Cakupan Cell, daya, power control

ADAPTASI POLA RADIASI MEDAN LISTRIK DARI ANTENA ARRAY TERHADAP ADANYA PERUBAHAN ARAH SINYAL DATANG

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ABSTRACT

This article is written to describe the method is used to manage the electric field radiation pattern of array antenna based on initial amplitude value or phase different of signal binary phase shift keying which captured by it. The main of problem in this article is how to manage the electric field radiation pattern of array antenna based on initial information by using the algorithm of least mean square method for calculating amplitude or phase different repeatedly until reached level of specified error. Usage of methodologies of literature study, browsing internet, trial and errors in compiling matlab program and simulation result analysis cannot be dissociated in the effort to complete of this article. This article give main result in the form of simulation program for arranging electric field radiation pattern and examples for some simulations of various electric field radiation patterns that represent various amplitudes and phase different of arrays antennas. Main conclusion is, obtainable optimal electric field radiation pattern passed calculation of amplitude or phase different many times until reached level of the specified determinate error.

Keywords: *amplitude, bedafasa, least mean square, electric field*

KOMPETENSI DAN INDEPENDENSI AKUNTAN PUBLIK

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ABSTRACT

This article tries to explain the concept of competency and independency public accountant. Definition, theory, concept and practice of each item are explain in this article. Relationship between one of the other is a coherent system that we cannot separate. The quality of auditing is determined by both competency and independency. Independent is a human attitude to act objective and high integrity. The integrity connects with the intelligence honesty of accountants, while the objective consistently connects with neutral attitude in doing the auditing duties and prepare the audit reports. While the competence is the ability of a auditor to do and finish the auditing according to the professional standart and policy of the organization. The auditors must have competence attitude, independent and use their professional skill in doing their duties. Competency and independency are the most important.

Keywords: *Competency, Independency, Public Accountant*

PERANAN INFORMASI BIAYA DALAM MENENTUKAN HARGA JUAL SUATU PRODUK

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ABSTRACT

The accounting management information is needed by management to fulfill two main functions of management: Planning and Controlling. For this planning, the activity of the company has relation with the system of processing financial information to be presented to the company management in the form of financial statement, production cost and budgeting. While for controlling, this information has values for management in the stage of analyzing the consequences of any alternative action in decision making. The roles of cost information in relation with decision making which is made by the selling price determination manager are: (1) the first step to reduce uncertainty faced by decision maker, (2) a basis to give assurance to the company for any possible loss, (3) giving chance to the selling price determination manager to see the cost structure of the competitors and (4) a basis for the company in deciding for market penetration. As a method used by management in (1) deciding normal selling price, (2) determining selling price in cost-type contract and (3) in determining selling price in a company which is ruled by government regulation, this production cost can be counted by using full-costing approach or variable-costing approach in determining selling price.

Keywords: *Accounting Management Information, Selling Price, Production Cost*

ANALISIS FAKTOR-FAKTOR YANG MEMPENGARUHI HUBUNGAN INDUSTRIAL DI KOTA PALEMBANG

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ABSTRACT

Industrial can be defined as the employment relation between individual worker and their employer is based on the proportion of Pancasila and the law of Indonesia Republic in 1945. The purpose of this research is to revieww and analize the factors the influenze the industrial relation in Palembang City. The biggest percentages correlation of PT PUSRI is gained by Tripartit variable and job aggrement cooperation variable although the relation is weak. Whereas the biggest percentage correlation of PT PERTAMINA is (0,546) or quite strong is gained by laborer's union variable and whereas the payment has a weak relation The result is the most dominant of the form of industrial relation in PT PUSRI, there are only 2 variables that have very significant percentage. They are tripartit variable and job agreement cooperation variable. Otherwise, PERTAMINA has only 1 variable that has significant percentage that is the laborer's union variable. From this research hopefully to prduce useful knowledge for companies change in the Palembang to give more special care and improve the laborer's union activities, job aggrement cooperation to create the condusive situation in company circumferences.

Keywords: *tripatrit, bipatrit, wage, and job aggrement*

MEMBANGUN KEPERCAYAAN KONSUMEN DENGAN ETIKA BISNIS

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ABSTRACT

The industry that can exist long-term, the main point is the industry that could make the customer trust toward the goods and services produced. In running business, the application of business ethics is very important, namely, the honesty is the one point in running business, nothing can make customer becomes dangerous/loses customer who consumes the product, and destroy the environment and destroy the community surrounding. To make the industry runs ethically, the control regularly is needed by the institution as well as the government in order industry that does not follow the ethic role in business will be given warning.

Keywords: *Costumer, costumer image, business ethics*

TANGGAPAN KARYAWAN TERHADAP PELAKSANAAN PENILAIAN PRESTASI KERJA PADA CV EKA PRATAMA PALEMBANG

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ABSTRACT

The execution of the employees' performance appraisals is a formal process to evaluated of performance employees'. Performance appraisals are needed by every company, because performance appraisals can motivate employees to work effectively however, performance appraisals in many companies are problematic performance appraisals in many companies are problematic. The writer wanted to know the execution of employees' performance appraisals at CV Eka Pratama Palembang. The data were collected through interview and questionnaire. The writer interview with the head of the human recources department at CV Eka Pratama Palembang. The result show that the employees' did not know about the perception aspects of the execution of employees' performance appraisals at CV Eka Pratama Palembang and the employees' did not know the information about the result of employees' performance appraisals. Based on the reason above, the writer concludes that execution of employees' performance appraisals do not run optimal. The writer suggest that the assessor must be explain the perception aspects of the execution of employees' performance appraisals and can be use a form with Rating Scale method. The assessor must be give the information about the result of employees' performance appraisals.

Keywords: Employees, Performance, Questionnaire.

HARAPAN MAHASISWA TERHADAP JASA KEPENDIDIKAN DAN REALISASI KINERJA POLITEKNIK NEGERI SRIWIJAYA PALEMBANG

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ABSTRACT

According to Parasuraman about the education service quality consist of five dimensions of service quality and detailed into twenty two attributes, made as a variable to measure the satisfaction level of university student towards State Polytechnic of Sriwijaya's performance in this research. The smaller a gap which happened between student's expectation and Polytechnic's work has not able to illustrate the student's expectation level became higher or the other way, but it also needed to concern the Polytechnic's work synchronization with student's expectation. The illustration of student's expectation level, Polytechnic's performance, and the gap level are offered in a table form, and the performance's synchronization with expectation is made into a Kartesius diagram. The Institutionally achievements made as a standard to measure the academic field's achievements in State Polytechnic of Sriwijaya

Keywords: *The education service quality, student's expectation, performance, gap, synchronization.*

PENERAPAN ETIKA PROFESI SEBAGAI PENUNJANG SIKAP PROFESIONAL DALAM PEKERJAAN

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ABSTRACT

In the modern Society era, business activities have greater aspects and complexes, and involvement of many people to achieved its goals. In this circumstance the role of profession ethics took place to support businessman professional duties in their field of business. In order businessman professional to achieving their goals maximally, they need profession ethic and the principal of business practices. Beside it, in the different field of business has to special ethic as a foundation to do a business so that the business activities cannot be influenced by organization and business environment. To maintenance good will an image of company in the society profession ethic need to be implemented. Individually, as a professional people ideally has professional performance to achieve the career path. This article, will elaborates. The profession ethic through descriptive analysis.

Keywords: *Profession, Professional, ethic code, Professionalism*

ANALISIS FAKTOR-FAKTOR YANG MEMPENGARUHI JAM KERJA PEKERJA ANAK DI KOTA PALEMBANG

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ABSTRACT

Child labor is a crucial issue because it can interfere with the human capital development of children by either forcing them to drop out of school or making the learning process in schools ineffective. The study found that approximately is how do impact sec factor, working status, kinds of working, school participation, and the income to impact for working hour child labor in Palembang. Data used is primary data. The analyze factors which impact working hour as used the crosstabulation. The result of the reseach shows that child labor is still more prevalent among boys. The working status child labor is labourer. The examination of the rate of school participation child labor found that who works has 45% more change of Anttending School. The income child labor has less than long working hours.

Keywords: *Child labor, working hour, school partipation, income.*

The Analysis of the Major Characters, Themes, Motifs and Symbol on The Adventures of Huckleberry Finn by Mark Twain

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ABSTRAK

Penelitian ini ditujukan untuk menganalisis karakter-karakter pada tokoh utama, motif, tema dan simbol-simbol yang digunakan dalam novel The Adventures of Huckleberry Finn yang tulis oleh Mark Twain. Pendekatan yang digunakan dalam penelitian ini adalah pendekatan objektif. Tokoh utama dalam novel The Adventures of Huckleberry Finn adalah Huck Finn, Jim, dan Tom Sawyer. Tema dalam novel ini adalah tentang rasisme dan perbudakan, pendidikan moral dan intelektual dan kemunafikan masyarakat yang berbudaya. Motif dalam novel ini adalah masa kanak-kanak, kebohongan, takhayul, dan parodi. Simbol yang digunakan dalam novel ini adalah sungai Mississippi.

Kata Kunci: Tokoh Utama, Tema, Motif, Simbol.

UPAYA-UPAYA MENUJU PRESENTASI YANG BAIK

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ABSTRACT

Presentation is one of essential unwritten communication activities to society, organization, education, governance, and career. A number of people think that presentation is a scary and difficult thing to do. So that, there must be some discussions of how to achieve a better presentation. The discussions used in the writing are through library research method, and questionnaire. Library research method is used to collect references and to discuss how to achieve a better presentation; meanwhile, questionnaire is used to support data about difficulties of doing a better presentation undergone by many people. With two methods, it is found out that shortages of mental preparation, material preparation, language mastery, and presentation technique mastery are the cause of difficulties in doing a better presentation. These difficulties can be overcome through mental preparation, material preparation, language mastery, and presentation mastery.

Keywords: Speaking, Presentation

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- **PENDAHULUAN** berisi latar belakang, perumusan masalah, tujuan penulisan serta teori yang mendukung. Isi dalam pendahuluan tidak perlu dibuat per-sub atau per-pointer serta tidak berisi gambar dan tabel.
- **TINJAUAN PUSTAKA/REFERENSI** dari jurnal atau literatur yang dicantumkan dalam daftar pustaka.
- **PEMBAHASAN** merupakan **isi utama** yang menjelaskan jawaban atas permasalahan dan tujuan serta pendapat penulis yang diperkuat dengan data sekunder yang mengacu pada beberapa Tinjauan.
- **KESIMPULAN**
- **DAFTAR PUSTAKA** dicantumkan hanya yang dikutip menurut abjad dan disesuaikan dengan rincian nama penulis, tahun, judul buku (tulisan), penyunting (bila ada), kota penerbit, penerbit.
- **LAMPIRAN** (bila ada)

D. PENULISAN ABSTRAK

Abstrak berisi pernyataan ringkas, padat tentang ide-ide yang paling penting. Penulisan abstrak harus mencakup hal-hal sebagai berikut:

- Tujuan (*Purpose*)
- Permasalahan (*Problem/Research Questions*)
- Metodologi (*Methodology*)
- Hasil (*Result*)
- Kesimpulan dan Saran (*Conclusion and Suggestion*)

Abstrak ditulis dalam Bahasa Inggris sampai dengan 200 kata dalam satu paragraf, tidak ada pengacuan terhadap pustaka, gambar dan rumus-rumus. Jumlah kata kunci sebanyak 3-5 kata.