

紀要「人間生活科学研究」

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しおりをクリックして頂くと、〔総説〕および〔原著論文〕の
ストラクト（英文）目次が表示されます。

〈総説〉

リメディアル教育－その現状と課題について

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Remedial Education: its trend and problems

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Abstract－In this paper, we discuss to the issue of the "Remedial education". Now, on the university, it is assumed that the decrease of student's scholastic ability is a problem. Rapidly expanding as the project corresponding to it in recent years is "Remedial education" on campus. It aims to get a help that thinks about the ideal way of the higher education in the future by examining this problem.

Key words － Remedial Education, University, College, Developmental Education, Faculty Development

〈原著論文〉

介護福祉士養成校学生の腰痛の実態
—介護職員および介護実習経験のない学生との比較—

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The Actual Conditions of Low Back Pain among Students of Training Institutions for
Certified Care Workers

—Comparison with Care Workers and Students of non-Care Training —

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Abstract—The purpose of this study was to clarify the actual conditions of low back pain among students of training institutions for certified care workers (TICCW). Subjects were sixty four students from TICCW, one hundred fifty care workers and forty five students of non-care training. The study was conducted using anonymous self-administered questionnaires, between December 2001 and January 2002. The questionnaires consisted of items concerning subject characteristics, complain of low back pain, past history of low back pain, cause of low back pain etc. In the present study, the sixty students of TICCW were analyzed. Among the students of TICCW fifty six (93.3%) students experienced low back pain in the past and twenty five (41.7%) complained that they had presently low back pain. Regarding actual conditions of low back pain, fifty students (89.3%) replied that they always or sometimes had the symptom. As a probable cause of low back pain, the task like lifting a user in a special nursing home for the elderly was answered by them. These findings suggest that care training influenced the prevalence of low back pain. Care workers should be aware of low back pain and they need to be educated about prevention of low back pain when they are students.

Key Words—students of training institutions for certified care workers, low back pain

〈原著論文〉

ビルベリーおよびブルーベリーの抗酸化作用の比較

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The comparison of Anti-oxidative Action of Bilberry and Blueberry

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Abstract—This study was performed to evaluate antioxidant activities of extract of two species blueberries (bilberry and blueberry) in vitro.

The extracts of these berries were analyzed for DPPH (1,1-diphenyl, 2-picrylhydrazyl) radical scavenging action, antioxidant activity against the auto-oxidant of linoleic acid, and total polyphenol content.

The bilberry extract exhibited stronger DPPH radical scavenging activity than blueberry extract. And the extract's polyphenol content in bilberry extract was about 20 times the blueberry one. The auto-oxidation of linoleic acid was more strongly inhibited by bilberry than by blueberry and gallic acid.

Key Words—bilberry, blueberry, gallic acid, antioxidant

〈原著論文〉

解答提示ツールを用いた学習意欲の向上の試み

—Excel 演習において—

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Development of computer assisted answer presentation tool for Excel practice
and its effect on improvement in learning motivation of students

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Abstract—For enhancing learning effect in Excel practice, it is desirable for students to solve various patterns of problems during the classes. However, students have to do the tasks after classes because of time limitation. We developed a computer assisted answer presentation tool to inform each student the correct answers on problems solved by him/her. The method is following. Students send their answers for practice problems as attached files by e-mail to teacher. The tool automatically sends a password to each student; he/she can check the correct answers on Web and confirm his/her completion levels on the practice problems. Suitable use of this tool is expected to improve learning motivation of students.

Key Words—Lesson Support System, Information Education, Excel, Web

〈原著論文〉

プログラミング初心者の戦術プラン学習に関する分析

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An Analysis of a Learning process of Tactical Plans on Beginner's Debugging

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Abstract – Tactical plans are not only an important skill for professional programmers, but also the beginner using tactical plans can advance the programming technology by himself/herself. Based on this idea, we are constructing the debugging support system which guides the tracing which is one of tactical plans to beginners. We collected student's program generating process data by using this support system in an actual classes, and then analyzed how the learners use and study about four kinds of the tactical plans. In this paper, the following analysis result is described. The learners did not begin to use a tracing without the guidance of the support system, while there were two tactical plans which were able to be used even if special guidance was done.

Key Words – tactical plans, programming learning, programming support systems, debugging, tracing, Java

〈原著論文〉

「短期大学卒業生の学習・仕事・生活に関する調査」の基礎集計に基づく卒業生像

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An Image of Junior College Graduates on the Basis of a Fundamental
Totalization Appeared in A Survey on the Study, Jobs and Life of Junior College
Graduates.

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Abstract— In 2005 A Survey on the Study, Jobs and Life of Junior College Graduates
was conducted among graduates at 15 junior colleges all over Japan, especially centered
in Kyushu. The survey covered all the graduates that participated in this survey. All of
the graduates had already spent from 2 to 8 years after their graduation. The number of
valid collections was 2,835, and the collection rate was 23.8%.

At Ube Frontier College, both the Department of Information Systems and the
Department of Nursery Education participated in this survey. We mailed 600 surveys to
our graduates asking them 46 questions concerning their present jobs, their life during
junior college days, and their life since graduating. We collected 107 collections, and the
collection rate was 17.8%. This paper mainly deals with the summary of the survey
carried out at these two departments at Ube Frontier College.

We must mention that this survey was carried out with the subsidiary of
Grants-in-Aid for Scientific Research[Fundamental Research(B)(I)]. The research title
is A Study of the First-Stage Theory of Career Formation of Junior College Graduates.
Key Word—junior college graduates, Ube Frontier College, a life during college, a life
since graduating.

〈原著論文〉

ヒューズと “Jim Crow”

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Langston Hughes and “Jim Crow”

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Abstract—It is widely understood that the term “Jim Crow” first appeared in the minstrel show performed by Thomas Dartmouth “Daddy” Rice in the 1830's. The term Jim Crow was being used to symbolize inferiority of the African Americans and this racial epithet was established in American culture by 1850's. By 1900, the term came to be synonymous with the notorious Black Codes, which deprived African Americans of many of the legitimate rights they should have been enjoying through the 13th, 14th and 15th Amendments to the Constitution. The environment Jim Crow created in American life played instrumental roles in a wide spectrum of literary activities in the 19th and 20th centuries in America, and it is clear that Hughes' works cannot be properly appreciated without substantial understanding of Jim Crow.

In this study, the history and the facts of Jim Crow are to be investigated and a few of Hughes' poems and short stories are introduced in the light of Jim Crow.

Key Words—Jim Crow, Hughes, minstrel, Daddy Rice, Black Codes

〈原著論文〉

『蜻蛉日記』の表現について
— 「わびし」「苦し」「悲し」の使用箇所について—
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Adjective Expressions used in Gossamer Years Diary (Kagerounikki)

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Abstract— In the Gossamer Year Diary (Kagerounikki) , we can find the author's vexed married life. Especially in the part of the description on Ishiyama Temple, the author continuously uses the following adjectives: wabishi, and kurushi, kanashi. All of these clearly express her emotional condition, and at the same time add a kind of special emotional feeling which is generally considered to be as No Parell.

I would like to examine the reasons why she emplys the usage of these three adjectives in this work.

Key Word— The Gossamer Years Diary (Kagerounikki)

Adjectives that express the author's emotional condition, Ishiyama Temple