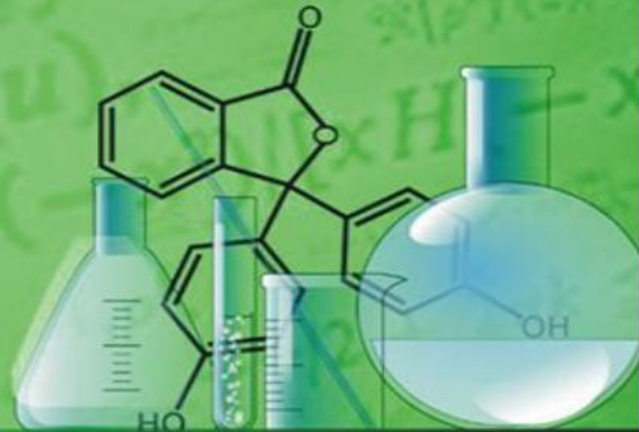
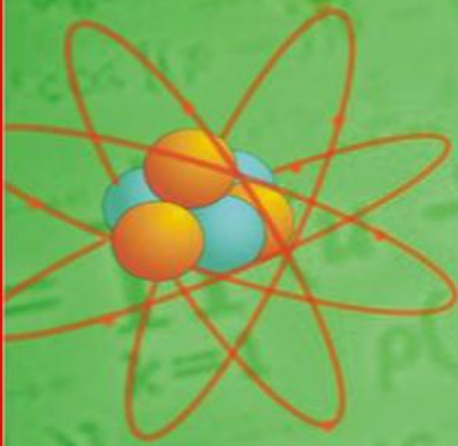


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<p>Abstract: Algebras as, free algebras over posets, upper-lattice Boolean algebras and semigroup algebras can be viewed as F2-algebras over a monoid or a quasi-monoid. This paper deals with this notion.</p> <p>Keywords: Monoid algebras, quasi-monoid algebras, Boolean algebras, Tail algebras, upper-lattice algebras, free algebras over posets, interval algebras.</p> <p>References:</p> <ol style="list-style-type: none"> [Bo] N. Bourbaki: Eléments de mathématiques, Algebra, Chapitres 1-3, Hermann, 1970. [Br] R. Brauer : Representations of Finite Groups, Ch 6 in lectures on Modern Mathematics, vol. 1, Ed T.L. Saaty, Wilesley and Sons, 1963. [BPZ] M. Bekkali, M. Pouzet and D. Zhani: Incidence structures and Stone-Priestley duality, Ann. Math. Artif. Intell., 49, 200, pp 27-38. [BZ1] M. Bekkali and D. Zhani:Upper semi-lattice Algebras and combinatorics, Set Theory, Edited by J. Bagaria and S. Todorcevic, Centre de Recerca Mathematica, Barcelona, 2003-2004, Trends in Mathematics, Birrkausser Verlag, 2006, pp 29-54. Pagebackref 1, 2, 11, 13, 14. [BZ2] M. Bekkali and D. Zhani:Tail and free poset algebras, Rev. Mat. Complut. 17 (2004), no. 1, pp 169-179. 06A12 Pagebackref 1, 2, 11, 13, 14. [BR] R. Bonnet and M. Rubin: On poset Boolean algebras of scattered posets with finite width. Arch. Math. Logic 43 (2004), no. 4, pp 467-476. MR2060395 (2005e:03142) . [BLK] R. Bonnet,L. Faouzi and W. Kubis: Free Boolean algebras over unions of two well orderings. Topology Appl. 156 (2009), no. 7, pp 1177-1185. MR2501993 (2010d:54046). [BAKR] R. Bonnet, U. Abraham, W. Kubi_s and M. Rubin: On poset Boolean algebras. Order 20 (2004) pp 265-290. MR2064050. [CP] I. Chakir and M. Pouzet: Infinite independent sets in distributive lattices, Algebra Universalis, 53, 2005, pp.211-225. [E] E. Evans: The Boolean ring universal over a meet semilattice, J. Austr. Math. Soc., 23, 1997, pp.402-415. [H1] L. Heindorf: Boolean monoid rings and exponential of compact zero-dimensional spaces, Fund. Math.135, 1990, pp.93-96. [H2] L. Heindorf: Chains in Boolean algebras, Zeischr. f. math. Logic und Grundlagen d. Math., 37, 1991, pp.93-96. [J] N. Jacobson: Basic algebra Freeman and Co, Second Edition, 1989. [K] S. Koppelberg: Handbook on Boolean Algebras, Vol.\,1, Ed.\ J.D. Monk, North Holland 1989. [KM] S. Koppelberg and J. D. Monk: Pseudo-trees and boolean algebras, Order, 8, 1992, pp.359-374. [L] S. Lang: Algebra, Addison-Wiesley Pub, 1970. [Monk] D. Monk: Cardinal Invariants on Boolean Algebras, Second Revised Edition. Progress in Mathematics Volume 142 (2014) ISBN: 978-3- 0348 -0729-6 (Print) 978-3-0348-0730-2 (Online) Pagebackref: 1, 2 [S1] J.-P. Serre : Linear Representations of Finite Groups, Graduate text in Mathematics, Springer Verlag, 1977 [S2] J.-P. Serre: Représentations linéaires des groupes finis, Hermann, 1998 (5ème édition). [R] L. Rowen: Ring Theory, vol. 1 and 2, Academic Press Inc., Pure and Applied Math., 1988. 			
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2.	Authors:	Divya Sanganabhatla, R. Shyam Sunder	
Paper Title:	H.Pylori Related Peptic Ulcer Disease–Overview		
<p>Abstract: H. pylori are spiral-shaped bacteria that grow in the digestive tract and have a tendency to attack the stomach lining. H. pylori infections are usually harmless, but they're responsible for the majority of ulcers in the stomach and small intestine. H. pylori are adapted to live in the harsh, acidic environment of the stomach. These bacteria can change the environment around them and reduce its acidity so they can survive. The shape of H. pylori allows them to penetrate your stomach lining, where they're protected by mucus and your body's immune cells are not able to reach them. The bacteria can interfere with your immune response and ensure that they're not destroyed. This can lead to stomach problems .These are diagnosed by various tests clinically. After H. pylori is identified in patients with gastritis or a peptic ulcer, the standard procedure is to eradicate the bacterial infection and allow the ulcer to heal. The typical therapy is a one week "triple therapy" consisting of a proton pump inhibitor such as omeprazole and the antibiotics clarithromycin and amoxicillin. There have been different varieties of the "triple therapy" that have been developed. Some varieties may use a different proton pump inhibitor such as pantoprazole or rabeprazole. They may also replace the amoxicillin with metronidazole for people who are allergic to penicillin. The new revolutions in therapy have made the treatment of peptic ulcers easier and have made it possible to cure the disease. In prior times only the symptoms were treated using antacids, H2-antagonists or proton pump inhibitors alone. Now further advancements have allowed for the treatment process to even decrease from 14 days to a possible 7-10 day treatment period. With advances in the efficacy of proton pump inhibitors a change in the patients diet is not even necessary.</p> <p>Keywords: Quadruple therapy; Stool test; Triple therapy; Urea breathe test.</p> <p>References:</p> <ol style="list-style-type: none"> Ananthakrishnan N, Kate V. Helicobacter pylori: The rapidly changing scenario G.I. Surgery annual. Vol. 5. New Delhi: Byword; 1998. p. 1- 20. Berning M, Krasz S, Miehlke S. Should quinolones come first in Helicobacter pylori therapy? Therapy Adv Gastroenterol. 2011;4(2):103–114. 			
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Okamoto et al., “Acid-inhibitory effects of vonoprazan 20 mg compared with esomeprazole 20 mg or rabeprazole 10 mg in healthy adult male subjects—A Randomised Open-Label Cross-Over Study,” <i>Alimentary Pharmacology and Therapeutics</i>, vol. 42, no. 6, pp. 719–730, 2015. 27. Zou J, Dong J, Yu X. Meta-analysis: Lactobacillus containing quadruple therapy versus standard triple first-line therapy for Helicobacter pylori eradication. <i>Helicobacter.</i> 2009;14(5):97–107. 					
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Authors:</td> <td>Monal Singh</td> </tr> <tr> <td>Paper Title:</td> <td>Amino Acid Composition of Oyster Mushroom as Influenced by Zn, cu, Fe, and Pyrites Treatment</td> </tr> </table>	Authors:	Monal Singh	Paper Title:	Amino Acid Composition of Oyster Mushroom as Influenced by Zn, cu, Fe, and Pyrites Treatment	
Authors:	Monal Singh					
Paper Title:	Amino Acid Composition of Oyster Mushroom as Influenced by Zn, cu, Fe, and Pyrites Treatment					
3.	<p>Abstract: Mushroom are nutritious food now a days popular in vegetarian dietary folklore. They are viable alternatives to food crops in millenium. They have been reported containing high nutritional and medicinal value. (1) In the present study two species of oyster mushrooms viz. <i>Pleurotus florida</i> and <i>Pleurotus sajorcaju</i> have been studied for the nutritional parameters as influenced by Zn, Cu, Fe, and pyrites treatment. The substrate and mixture of all the elements gave the maximum amino acid composition in oyster mushroom. Best results for essential amino acid were obtained with substrate and Pyrite treatment. <i>P. florida</i> gave higher value of amino acid composition than that of <i>P. sajorcaju</i> ⁽²⁾</p> <p>Keywords: Essential Amino Acid, Pyrites.</p> <p>References:</p> <ol style="list-style-type: none"> 1. Pandey, G. and Singh, V.K.; (1978). A note on concept of mushroom in ancient India. <i>Indian Mush. Sci.</i> 1 : 383-388. 2. Jandaik, C.L.; (1976). Trace element nutrition of mushroom <i>Pleurotus sajor Caju</i>. (Fr.) Singer. <i>Curr. Sci.</i> : 45 - 605. 3. Oyster mushroom cultivation Mumbai University 04 Nov. 2012 4. Jandaik, C.L. (1976). Trace element nutrition of mushroom <i>Pleurotus Sajorcaju</i> (Fr.) Singer. <i>Curr. Sci.</i> 45 : 605 5. Food and Agriculture organisation (1973). Energy and Protein requirements. Report of a joint FAO, WHO adhoc report committee. <i>Food Nutr. Meet. Rep. Ser. No. 52 Food Agric. Organ. U.N. Rome.</i> 6. A study on chemical composition. Thesis CSJM Univ. 2002. Monal Singh. 	13-15				

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